ORDER NO. BSD0104M902

Service Manual

Sec. 1 Operating Instructions

Sec. 2 Electrical Adjustments

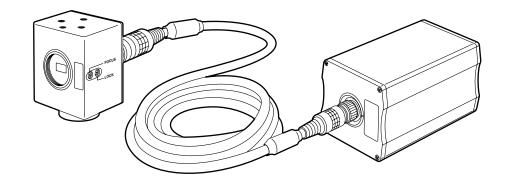
Sec. 3 Block Diagrams

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1/3-inch Camera With Separate Head AW-E300SP/E



Specifications (AW-E300SP)

Power requirements: DC 12V Power consumption: 0.8 A

Operating temperature range:

14°F to +113°F (-10°C to +45°C)

Allowable humidity:

30 % to 90 %

Dimensions (W \times H \times D):

Main unit:

3 ⁵/16"×3 ¹/16"×6 ⁵/16"

 $(84 \times 77 \times 159 \text{ mm})$

Camera head unit:

3 1/8"×2 3/8"×2 5/16"

 $(79\times60\times58.5 \text{ mm})$

Weight:

Main unit:

Approx. 1.408 lb (0.64 kg)

Camera head unit:

Approx. 0.506 lb (0.23 kg)

Finish:

AV ivory-colored paint (color approximates Munsell 7.9Y6.8/0.8)

Optical system:

1/3-inch prism optical system, f/1.4

Pickup device:

1/3-inch IT-type CCD 3-panel system

Total number of pixels:

811(H)×508(V) for NTSC

Number of effective pixels:

768(H) × 494(V) for NTSC

Pickup area:

 $4.8(H) \times 3.6(V) \text{ mm}$

Scanning system:

NTSC 2:1 interlace, 525 lines, 60 fields, 30 frames

Scanning frequency:

15.734 kHz horizontal, 59.94 Hz vertical

Synchronization system:

Internal sync/gen-lock

Gen-lock input:

1.0 V [p-p] black burst signal (BNC connector, 50-pin D-sub connector)

Video outputs:

NTSC composite 1.0 V [p-p]/75 Ω (BNC connector, 50-pin D-sub connector)

YC:

1.0 V [p-p] for Y, 0.286 V [p-p] for C (50-pin D-sub connector)

Standard illumination:

2,000 lux (3,200K, f/8)

Minimum illumination:

1.5 lux (f/1.4, 'night eye' mode)

S/N ratio:

62 dB (with DNR ON)

Horizontal resolution:

800 lines (high band DTL ON)

Registration:

0.05%

Detail enhancement:

Horizontal/vertical (works for both)

White balance:

Automatically adjusted for A and B in 2 memories, fine adjustment, ATW, 3200K, 5600K

Black balance:

Automatically adjusted

Gain switching:

AGC LOW/HIGH, 0 dB to 30 dB, N-Eye Iris:

Auto, manual

Specifications (AW-E300SP)

Electronic shutter:

Synchro scan:

60.34 Hz to 15.75 kHz

Step shutter:

OFF, 1/100, 1/250, 1/500, 1/1000,

1/2000, 1/4000, 1/10000

ELC:

Target level variable

Operation mode selection:

halogen light, fluorescent light, outdoor, user

Color bars:

SMPTE color bars (setup: 0/7.5%)

Lens mount:

1/3-inch C mount

Switches:

Back panel:

MENU, ITEM/AWC, YES/ABC, NO/BAR

Menu item setting:

Gain, Shutter, White Balance, Detail Level (OFF/LOW/HIGH), Corner Detail, Precision Detail Level, Black Stretch, High Light Chroma, Skin Color Detail, Photometric Measurement Method (ALL/CENTER/TOP CUT/BOTTOM CUT/R/L CUT) CCD Read Out Mode (FIELD/FRAME 1/FRAME 2) Clean DNR, Color Bar Setup, Use Mode, Nega/Posi, PC Control Access Speed

Adjustment function:

Menu adjustment:

R/B Gain, R/B Pedestal, Black Level, Video Level, Detecting Ratio, Genlock Horizontal Phase/Color Phase, Gamma Compensation Level, Knee Compensation Level, White Clip Level, Horizontal Detail Level, Vertical Detail Level, Detail Band Level, Noise Suppress Compensation Level, Level Dependent Compensation Level, Chroma Detail Compensation Level, Dark Detail Compensation Level, Matrix Compensation Level, Flare Correction Level

Weight and dimensions indicated are approximate.

Specifications are subject to change without notice.

■ Accessories

Connection cable for the camera head and the main unit (3m \times 1)

Specifications (AW-E300SE)

Power requirements: DC 12V Power consumption: 0.8 A

Operating temperature range:

-10°C to +45°C

Allowable humidity:

30 % to 90 %

Dimensions (W \times H \times D):

Main unit:

 $84 \times 77 \times 159 \text{ mm}$

Camera head unit:

 $79 \times 60 \times 58.5 \text{ mm}$

Weight:

Main unit:

Approx. 0.64 kg

Camera head unit:

Approx. 0.23 kg

Finish:

AV ivory-coloured paint (colour approximates Munsell 7.9Y6.8/0.8)

Optical system:

1/3-inch prism optical system, f/1.4

Pickup device:

1/3-inch IT-type CCD 3-panel system

Total number of pixels:

795(H)×596(V)

Number of effective pixels:

 $752(H) \times 582(V)$

Pickup area:

 $4.8(H) \times 3.6(V)$ mm

Scanning system:

2:1 interlace, 625 lines, 50 fields,

25 frames

Scanning frequency:

15.625 kHz horizontal, 50 Hz vertical

Synchronization system:

Internal sync/gen-lock

Gen-lock input:

1.0 V [p-p] black burst signal (BNC connector, 50-pin D-sub connector)

Video outputs:

Composite 1.0 V [p-p]/75 Ω (BNC connector, 50-pin D-sub connector)

YC:

1.0 V [p-p] for Y, 0.3V [p-p] for C (50-pin D-sub connector)

Standard illumination:

2,000 lux (3,200K, f/8)

Minimum illumination:

1.5 lux (f/1.4, 'night eye' mode)

S/N ratio:

60 dB (with DNR ON)

Horizontal resolution:

800 lines (high band DTL ON)

Registration:

0.05%

Detail enhancement:

Horizontal/vertical (works for both)

White balance:

Automatically adjusted for A and B in 2 memories, fine adjustment, ATW, 3200K. 5600K

Black balance:

Automatically adjusted

Gain switching:

AGC LOW/HIGH, 0 dB to 30 dB, N-Eye

Iris:

Auto, manual

Specifications (AW-E300SE)

Electronic shutter:

Synchro scan:

50.24 Hz to 15.63 kHz

Step shutter:

OFF, 1/120, 1/250, 1/500, 1/1000,

1/2000, 1/4000, 1/10000

ELC:

Target level variable

Operation mode selection:

halogen light, fluorescent light, outdoor, user

Colour bars:

Full colour bars (setup: 0)

Lens mount:

1/3-inch C mount

Switches:

Back panel:

MENU, ITEM/AWC, YES/ABC, NO/BAR

Menu item setting:

Gain, Shutter, White Balance, Detail Level (OFF/LOW/HIGH), Corner Detail, Precision Detail Level, Black Stretch, High Light Chroma, Skin Colour Detail, Photometric Measurement Method (ALL/CENTRE/TOP CUT/BOTTOM CUT/R/L CUT) CCD Read Out Mode (FIELD/FRAME 1/FRAME 2) Clean DNR, Colour Bar Setup, Use Mode, Nega/Posi, PC Control Access Speed

Adjustment function:

Menu adjustment:

R/B Gain, R/B Pedestal, Black Level, Video Level, Detecting Ratio, Genlock Horizontal Phase/Colour Phase, Gamma Compensation Level, Knee Compensation Level, White Clip Level, Horizontal Detail Level, Vertical Detail Level, Detail Band Level, Noise Suppress Compensation Level, Level Dependent Compensation Level, Chroma Detail Compensation Level, Dark Detail Compensation Level, Matrix Compensation Level, Flare Correction Level

Weight and dimensions indicated are approximate.

Specifications are subject to change without notice.

■ Accessories

Connection cable for the camera head and the main unit $(3 \text{ m} \times 1)$

SAFETY PRECAUTIONS

GENERAL GUIDELINES

- When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- Unplug the AC cord and connect a jumper between the two prongs on the plug.
- Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than 5M.

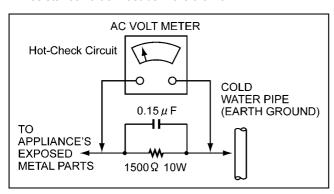


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

- Plug the AC cord directly into the AC outlet.
 Do not use an isolation transformer for this check.
- 2. Connect a 1.5k , 10W resistor, in parallel with a 0.15 F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
 - Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
- Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
 - (most replacement ES devices are package with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
 - CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
- 8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

- 1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
- When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

Note: It is important to use an accurate periodically calibrated high voltage meter.

3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV,±0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.



CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

CAUTION:

Do not install or place this unit in a bookcase, built-in cabinet or in another confined space in order to keep well ventilated condition. Ensure that curtains and any other materials do not obstruct the ventilation condition to prevent risk of electric shock or fire hazard due to overheating.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

FCC Note:

This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Replace battery with part No. CR2025/1B only. Use of another battery may present a risk of fire or explosion.

Caution—Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.

Panasonic[®]

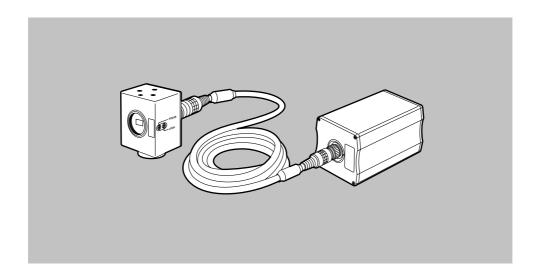
SECTION 1

OPERATING INSTRUCTIONS

Operating Instructions

1/3-inch Camera With Separate Head

Model AW-EBOOSP



Panasonic_®

Before attempting to connect, operate or adjust this product, please read these instructions completely.



CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.



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WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION:

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FCC Note:

This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

indicates safety information.

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Introduction

- Featuring digital video signal processing, this 1/3-inch 3-CCD system color camera with its separate head achieves a high picture quality and high reliability as well as many and varied functions despite its compact size and light weight.
- The head is separate which means that it can easily be mounted on a microscope (C mount), for instance.
- Using a menu screen format, the camera's shooting conditions and functions can easily be set and changed.
- The camera can be connected to a peripheral unit such as an RCB or RCU for expanding the capabilities of the system to suit the intended applications.
- A wide range of applications can be supported by installing optional cards.

Features

High picture quality, high reliability, many and varied functions, a compact size and light weight achieved by incorporating digital video signal processing

- Resolution: 800 lines (high band DTL ON), S/N ratio: 62 dB (DNR ON)
- Minimum illumination: 1.5 lux (f/1.4 'night eye' mode)

Many and varied functions despite compact size

- Setting of camera parameters using menu screens enabled
- Auto functions such as ATW, ELC and AGC incorporated
- CCD readout (field, frame) switching supported
 The vertical resolution can be improved by switching to the frame mode, and this is useful for capturing still images and other kinds of image processing.
- Synchro scan function provided to reduce horizontal line noise when computer screens are shot
- Functions for controlling camera by computer incorporated
- Extension of cable (standard length of 3 meters) between head unit and main unit up to 10 meters possible

Faithful image reproduction assured by many compensation circuits

- Even areas with dark colors reproduced clearly by chroma detail enhancement
- Natural detail enhancement enabled even for dark areas by dark detail circuit
- Natural dynamic range reproduced by digital highlight chroma
- Faithful reproduction of colors enabled by digital color matrix

Full spectrum of video productions supported

- Conditions optimally suited to each application selectable from 4 operation modes (halogen light mode, fluorescent light mode, outdoor mode and user mode)
- SMPTE color bar display provided
- Remote control enabled by RCU or RCB

Special Notes on Operation

- Turn the power off before connecting or disconnecting cables.
- Connection or disconnection of any studio cable, RCB cable or other cable to any unit of equipment must be performed while power is off.

While the camera is in automatic mode:

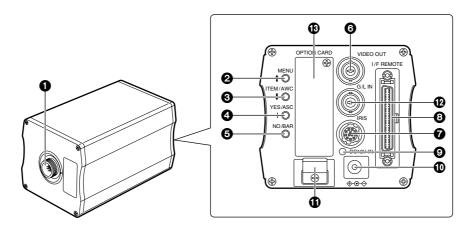
- Shooting of bright objects in ELC operation mode may result in a smeared picture unique to the CCD.
- The ATW function under fluorescent illumination can adversely change the white balance.

Precautions

- Do not attempt to disassemble the camera, Remote Control Unit (RCU) or other units.
 In order to prevent electric shock, do not remove screws or covers. There are no user-serviceable parts inside.
- Do not mishandle the camera. Avoid striking, shaking, etc. The camera contains precision components which could be damaged by improper handling or storage.
- Do not let the lens remain uncovered when the camera is not in use. If the lens is not installed, do not leave the lens mount hole uncovered.
- Do not touch the surface of the lens or prism.
- Do not use strong or abrasive detergents when cleaning the camera body.
- Do not aim the camera toward the sun, irrespective of whether it is turned on or not.
- Do not expose the camera or Remote Control Unit (RCU) to rain or moisture, and do not try to operate the equipment in wet conditions. Do not operate the camera or RCU if it is wet.
- Do not operate the camera or Remote Control Unit (RCU) outdoors during a thunder storm.
- Do not use the camera where it will be subject to high temperatures or high humidity.
- Do not leave the camera and Remote Control Unit (RCU) turned on when not in use. Do not unnecessarily turn the camera power on and off repeatedly. Do not block the ventilation slots.
- Refer any servicing to qualified service personnel.
- Handle the camera with care.
- Place the lens cap on the lens when the camera is not in use. If the lens is not installed, protect the surface of the prism by placing the body cap over the lens mount hole.
- Use a mild blower or lens cleaning tissue designed for coated lenses to clean the surface of the lens or prism if it requires cleaning.
- Use a dry cloth to clean the camera if it is dirty. If the dirt is hard to remove, use mild detergent and wipe gently.
- Use caution when operating the camera near spot lights or bright lights, as well as any objects and surfaces which may reflect light.
- If the camera or RCU gets wet, turn the power off immediately and have the unit checked by an authorized service facility.
- Follow normal safety precautions to avoid personal injury.
- Use the camera in an environment where the temperature is within 14°F to 113°F (-10°C to +45°C), and the relative humidity is within 30 % to 90 %.
- Always turn the power off when the camera is not going to be used. Operate the camera and RCU only when there is adequate ventilation.
- Operating a wireless device that generates powerful radio waves near the camera may adversely affect the output images.

Parts and Their Functions

■ Main unit



Cable connector

This is used to connect the camera to the camera head unit using a cable.

②MENU switch [MENU (↑)]

The menu will appear on the screen when this switch is pressed for about 5 seconds. When it is pressed while a menu is displayed, the menu item immediately above is selected.

③ITEM/AWC switch [ITEM/AWC (♣)]

When this switch is pressed while a menu is displayed, the menu item immediately below is selected. While a menu is not displayed (when the camera is in the shooting mode), it serves as the automatic white balance control (AWC) switch.

4 YES/ABC switch [YES/ABC (+)]

When this switch is pressed while a menu is displayed, the sub-menu of a menu item appears on the screen. When it is pressed while a sub-menu is displayed, the higher of the two settings shown is selected. While a menu is not displayed, it serves as the automatic black balance control (ABC) switch.

⑤NO/BAR switch [NO/BAR (−)]

When this switch is pressed while the main menu is displayed, the next item down can be selected. When it is pressed while a sub-menu is displayed, the lower of the two settings shown is selected. When it is pressed for about 5 seconds while a menu is not displayed, the color bar signals and camera (shooting mode) are switched.

Parts and Their Functions

③ Video output connector [VIDEO OUT]

The composite video signals are output from this connector. (1 V [p-p], 75 Ω , BNC connector)

⊘Iris connector [IRIS]

This is the standard input connector of the lens which comes with an auto iris function.

3 Interface/remote connector [I/F REMOTE]

This is used to connect the remote control unit (RCU: WV-RC700A or WV-RC550), remote control box (RCB: WV-CB700A), etc.

The AW-CA50A26 RCU cable is required to connect the WV-RC700A or WV-RC550.

The AW-CA50T10 RCB cable is required to connect the WV-CB700A.

Power LED

This lights up red when DC power is supplied to the DC 12V input socket **①**.

①DC 12V input socket [DC 12V IN]

The DC 12 V power supply (2 A or above) is connected here using the AW-CA4T1 DC power cable.

Cable clamp

This clamps the AW-CA4T1 DC power cable which has been connected to the DC 12V input socket $\mathbf{0}$ to prevent the cable from becoming disconnected.

@Genlock input connector [G/L IN]

The external sync (black burst) signals are supplied to this connector to achieve genlock with the camera.

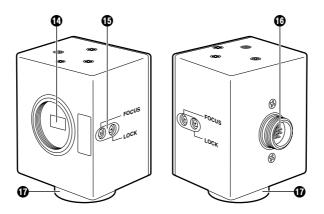
Option card slot

This slot is used by the option cards.

For further details, refer to the operating instructions of the option card concerned.

Parts and Their Functions

■ Camera head unit



Lens mount

A 1/3-inch C mount lens or microscope adapter, etc. is attached here.

• Flange back adjust screw [FOCUS/LOCK]

When the flange back needs to be adjusted, remove the cap, loosen the LOCK screw, and adjust by turning the FOCUS screw. (Adjustment range: ± 0.2 mm) Upon completion of the adjustment, re-tighten the LOCK screw.

(Cable connector

This is used to connect the head unit to the main unit using a cable.

Camera mounting adapter

(mounting screw holes: M2.6×10, spring washers provided)

This is used to secure the head unit when it is to be installed on a wall or ceiling or a tripod is to be used. The head unit can be mounted on the top or bottom surface.

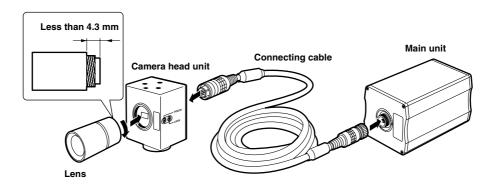
Installation

You must ask your dealer to take charge of installing, adjusting and connecting this unit.

■ Attaching the lens

Remove the lens mount cap, align the lens with the thread ridges on the lens mount and screw it firmly into place.

- A 1/3-inch C mount type of lens can be used.
 Be absolutely sure that a lens whose mount threads extend no more than 4.3 mm from the lens mount surface is used. Use of any other kind of lens may damage the
- Some lenses need to be attached in a different way. Therefore, reference should also be made to the operating instructions that accompany the lens.



■ Installation on a camera stand (tripod, etc.)

- ① Mount the camera mounting adapter onto the top or bottom surface of the camera head unit.
- ②Use the screw holes (1/4-20UNC) in the camera mounting adapter to secure the camera stand (tripod, etc.) firmly.

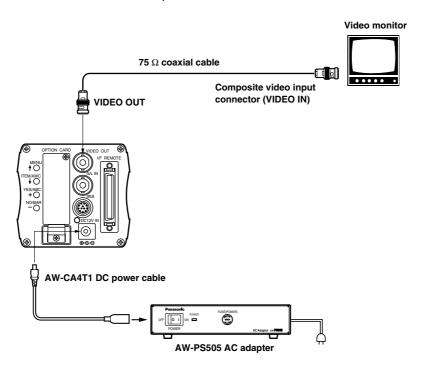
Preventing the head unit from falling off or dropping

Check that the stand can adequately withstand the total weight including the weight of the connecting cable and other parts. Use the prescribed tool to mount the head unit securely, and be absolutely sure to take steps to prevent the camera from dropping.



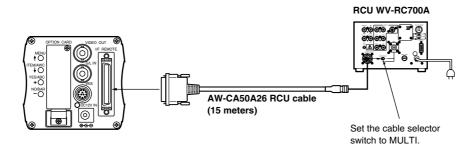
■ Connecting equipment with a composite video input connector

- Connect the output from the camera's video output connector to the video monitor, VTR or other such unit which is provided with a composite video input connector.
- Use the AW-PS505 AC adapter for the power supply. Use the AW-CA4T1 as the DC power cable.



■ Connecting a remote control unit (RCU)

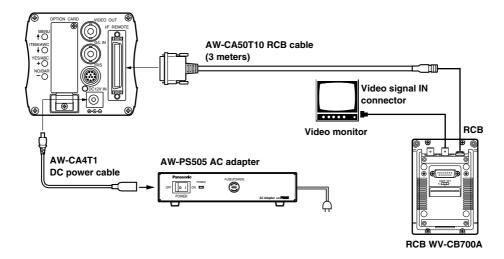
- Use the AW-CA50A26 RCU cable to connect the RCU (WV-RC700A or WV-RC550) and the camera.
- The distance between the WV-RC700A and the camera can be extended up to a maximum of 300 meters.
 - The distance between the WV-RC550 and the camera can be extended up to a maximum of 100 meters.
 - Use the WV-CA26U15 (15 meters), WV-CA26U30 (30 meters) and WV-CA26U100 (100 meters) studio cables and the WV-CA26T26 cable joint adapter for extension.
- The power for the camera is supplied from the RCU.



- ① Before proceeding to connect the RCU to the camera, set the RCU's power switch to OFF
- ②If the WV-RC700A is to be used, set the cable selector switch on the RCU to MULTI.
- ③Connect the 50-pin end of the RCU cable to the interface/remote connector on the camera, and connect the 26-pin end to the RCU.
- (4) When the RCU's power is set to ON, the camera's power LED lights up, and the camera is controlled from the RCU.

■ Connecting a remote control box (RCB)

• Use the AW-CA50T10 RCB cable to connect the RCB (WV-CB700A) and the camera.



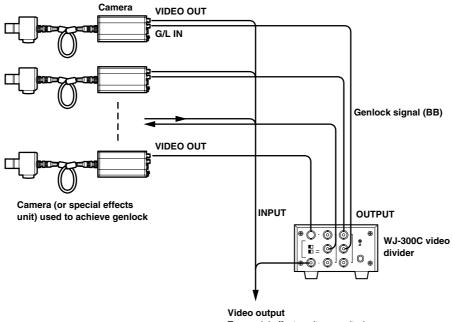
- ①Before proceeding with the connections, set the AC adapter's power switch to OFF and the RCB ON/OFF switch on the RCB panel to OFF.
- ②Connect the 50-pin end of the RCB cable to the interface/remote connector on the camera, and connect the 10-pin end to the RCB.
- ③Once the AC adapter's power switch is set to ON and the RCB ON/OFF switch is set to ON, the camera can be controlled from the RCB.
- (4) Upon completion of shooting, first set the RCB ON/OFF switch to OFF and then set the AC adapter's power switch to OFF.

<Notes>

- The camera's setting will not be stored in the memory if the AC adapter's power switch is set to OFF before the RCB ON/OFF switch is set to OFF.
- Since use of a cable which is too long causes a deterioration in the RCB's monitor output due to attenuation, this output should be used only for monitoring (verification) purposes.
- Genlock input signals cannot be supplied from the RCB.

■ Connecting multiple cameras (achieving genlock)

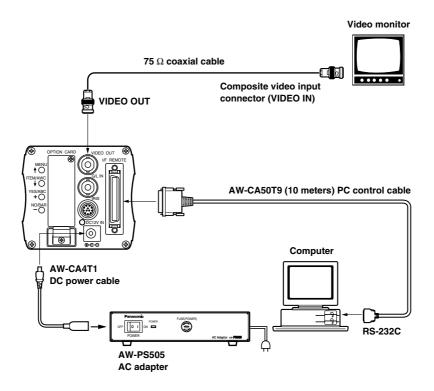
- Input the sync signal (BB) to the genlock input connector.
- Do not turn off the power of the camera which is used to achieve genlock.
- The genlock adjustment must be performed when genlock is to be achieved. (See page 25)



To special effects unit or monitoring system

■ Connections for exercising control from a computer

The AW-CA50T9 PC control cable and the dedicated software program are required for the camera to be controlled from the computer. Ask your dealer for details.



■ Reference: Model numbers of related equipment

Read the operating instructions of the equipment concerned along with these instructions.

Remote control unit:

WV-RC700A

Remote control unit:

WV-RC550

Remote control box:

WV-CB700A

RCU rack-mounting chassis:

WV-Q70

Connecting cable:

WV-CA9T5 (D-sub 9-pin—BNC, approx. 5 meters)

Studio cable:

WV-CA26U15, WV-CA26U30, WV-CA26U100

Cable joint adapter:

WV-CA26T26

RCB cable:

AW-CA50T10

RCU able:

AW-CA50A26

PC control cable:

AW-CA50T9

DC power cable:

AW-CA4T1

RGB cable:

AW-CA50T6

Studio card 1 (with RGB/YPrPb output):

AW-PB301

Studio card 2 (with no RGB/YPrPb output):

AW-PB305

RGB card:

AW-PB302

AC adapter:

AW-PS505

Operating Mode Selection

The user can select the camera's functions to match the operating conditions from the four modes which have been preset. Select the mode that suits the shooting conditions and the user's preferences.

Halogen light mode

This mode is suited to shooting indoors at wedding receptions, parties, seminars and other indoor events. Its settings can be changed using a simple menu.

Fluorescent light mode

This mode is suited to shooting indoors under fluorescent lighting. Its settings can be changed using a simple menu.

Outdoor mode

This mode is suited to shooting outdoors. Its settings can be changed using a simple menu.

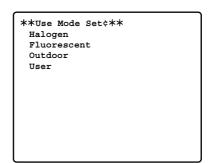
User mode

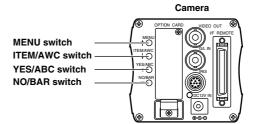
This mode's settings can be changed using a detailed menu.

Operating Mode Selection

■ How to select the operating mode

- Operations using the camera by itself
- ①When the camera's power is turned on while the MENU switch is held down, the Use Mode Set screen appears on the monitor.
- ②Each time the MENU switch, ITEM/AWC switch or NO/BAR switch is pressed, the flashing operating mode changes. Make the desired operating mode flash by pressing of these switches.
- ③When the YES/ABC switch is pressed, the flashing item is set, and the setting screen appears for about 5 seconds, after which the shooting mode is restored. After this, the camera will operate the mode which has been set.

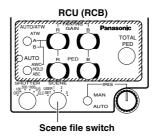




• Operations using the RCU or RCB

The operating mode can be selected using the scene file switch on the RCU or RCB.

Operating mode	RCU (RCB) scene file switch
Halogen light mode	1
Fluorescent light mode	2
Outdoor mode	3
User mode	USER SET



Operating Procedures

- 1. Turn on the power to the units concerned.
- 2. Adjust the subject brightness to the appropriate level.

3. Select the operating mode.

Once this mode is selected, it need not be changed so long as the camera is to be used under the same conditions.

4. Adjust the flange back of the lens, and adjust the iris and focus.

 This adjustment must be performed when using the camera for the first time or when the lens has been changed.

5. Adjust the white balance.

- This adjustment must be performed when using the camera for the first time or when the camera has not been used for a prolonged period.
- It must be performed when the lighting conditions or brightness has changed.
- Once this adjustment has been performed, it need not be repeated so long as the camera is to be used under the same conditions.

6. Adjust the black balance.

- This adjustment must be performed when using the camera for the first time or when the camera has not been used for a prolonged period.
- It must be performed when the ambient temperature has changed significantly or at the turning of the seasons.
- Once this adjustment has been performed, it need not be repeated so long as the camera is to be used under the same conditions.

7. Start shooting.

Upon completion of shooting, turn off the power to the units concerned.

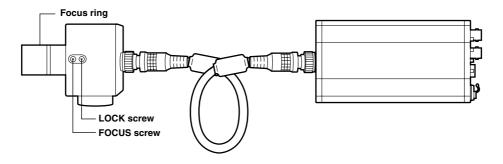
8. To change the camera's settings to match other applications or conditions, refer to page 27 and following.

The settings performed when the camera was shipped are appropriate for most situations.

■ Flange back adjustment

This adjustment will bring the subject into focus across the whole range from the maximum telephoto position to the widest angle position of the zoom lens. Perform this adjustment when back focusing is not achieved with a fixed focus lens. (Adjustment range: ±0.2 mm)

- ①Shoot a dark subject to open the iris.
- ② Reduce the distance between the camera and subject to less than 2 meters, remove the cap over the camera's flange back adjust screw, and loosen the LOCK screw.
- ③ Set the lens to the maximum telephoto position, and bring the subject into focus using the focus ring.
- (4) Set the lens to the widest angle position, and turn the FOCUS screw to bring the subject into focus.
- ⑤ Repeatedly adjust the focus ring and FOCUS screw until the subject is focused within the the zoom range. Upon completion of the adjustment, tighten up the LOCK screw.



■ White balance adjustment

Automatic adjustment (AWC: AWC A/AWC B)

- Use the camera in the AWC mode if the lighting conditions at the shooting site will remain unchanged.
- When "AWC A" or "AWC B" has been selected for the white balance on the Color Set sub-menu (pages 32, 38), the color temperature conditions of two locations can be preset (stored in the memory) using A/B.
- When the camera is to be used under the same conditions as those of the settings, simply perform the adjustment once, and set the menu or RCU (RCB) switch to A or B. After this, there is no need to perform the adjustment again.
- When new settings are established, the previous settings will be erased from the memory.
- ① Select "AWC A" or "AWC B" for the white balance.
- ② Shoot a white subject (such as a white wall or white handkerchief) to fill the screen.

The size of the white subject must be at least 10% of the screen, and it must appear in the middle. Keep shiny objects or very bright objects off the screen.

When performing the adjustment using the camera

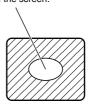
The white balance can be set by pressing the ITEM/AWC switch for at least 2 seconds in the shooting mode.

When performing the adjustment using the RCU (RCB)

④The white balance can be set when the auto set switch is set to "AWC." The AUTO LED flashes while the white balance is being set.

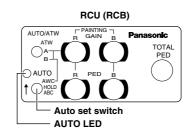
The AUTO LED goes off to indicate the successful completion of the setting, and it lights to indicate a failed setting procedure. Repeat the setting procedure in the latter case.

The white area size must fill at least 10% of the screen.



Camera

ITEM/AWC switch

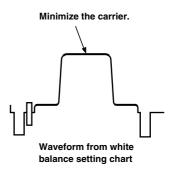


Manual adjustment

When performing the adjustment using the camera

Manual adjustment can be performed only in the user mode.

- ① Select "AWC A" or "AWC B" for the white balance.
- ② Shoot a white subject to fill the screen, and attain the automatic white balance.
- ③Vary the R (red) and B (blue) gain using Painting on the color set sub-menu, and adjust it so that the carrier in the white area of the video signals is minimized (or so that the white area of the image turns white). (Perform this adjustment using an oscilloscope or waveform monitor.)



When performing the adjustment using the RCU (RCB)

After having attained the automatic white balance, adjust the R (red) and B (blue) gain using the R and B gain controls of the RCU (RCB).

<Notes>

- The white balance may not be attained properly if the subject brightness is insufficient.
- After setting the white balance, the level is stored for a prolonged period in the memory inside the camera even when the camera's power is turned off. There is no need to set it again provided that the status of the subject's color temperature remains unchanged. However, if the setting conditions change (if the shooting location changes from outdoors to indoors or vice versa, for example), set the white balance again.
- If the white balance is set when using the camera by itself, the setting for the R (red) and B (blue) gain adjustment using Painting will return to ±0. (The Painting settings are valid only in the user mode.)

Automatic color temperature tracking (ATW)

It is a good idea to use the camera in the ATW mode if the lighting conditions at the shooting site are likely to change (prolonged shooting outdoors, etc.).

When "ATW" is selected as the white balance setting, compensation is provided automatically so that the white balance is attained automatically even when the light source or color temperature changes to ensure that the images look natural.

<Note>

The white balance may shift if there is no white on the screen.

3200 K, 5600 K presettings

When "P SET 3200K" or "P SET 5600K" is selected as the white balance setting, the status is established in which the white balance is set at a color temperature of 3200 K or 5600 K, respectively.

■ Black balance adjustment

This adjustment is performed when using the camera for the first time, when the camera has not been used for a prolonged period or when the lighting conditions have changed, causing the white balance to change significantly which in turn has caused the black balance to alter.

- Close the lens before proceeding.
- If the black balance is set when using the camera by itself, the setting for the R (red) and B (blue) gain adjustment using Painting will return to ±0. (The Painting settings are valid only in the user mode.)

When performing the adjustment using the camera

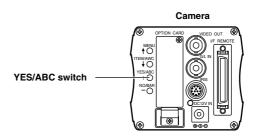
The black balance is set in about 10 seconds when the YES/ABC switch is held down for two or more seconds.

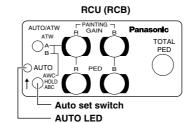
After the black balance has been set, the black balance can be finely adjusted by varying the R pedestal and B pedestal using Painting on the color set sub-menu in the user mode.

When performing the adjustment using the RCU (RCB)

The black balance is set when the auto set switch is set to "ABC." The AUTO LED flashes while the black balance is being set.

The AUTO LED goes off to indicate a successful completion of the setting, and it lights to indicate a failed setting procedure. Repeat the setting procedure in the latter case.





■ Black level (total pedestal) adjustment

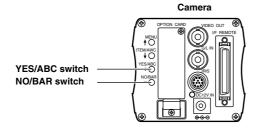
This adjustment is performed to align the black level (pedestal level) of multiple cameras. Ask your dealer to perform it.

(This adjustment is performed using an oscilloscope or waveform monitor.)

When performing the adjustment using the camera

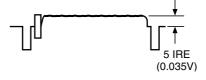
- ①Close the lens.
- Select the black level using the brightness setting on the sub-menu (or iris/shutter/gain settings in the user mode).
- ③ Adjust the black level to 5 IRE (0.035 V) using the YES/ABC switch or NO/BAR switch.

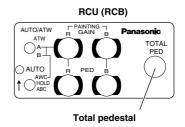
Brightness Set	
Picture Level	±0
Light PEAK/AVG	0
Light Area	Top cut
Auto ND (ELC)	OFF
Auto Gain Up	OFF
Manu Gain Up	0dB
Pedestal	±0
Contrast(Gamma)	MID
Return	



When performing the adjustment using the RCU (RCB)

Adjust the black level to 5 IRE (0.035 V) using the total pedestal control.





■ Genlock adjustment

When multiple cameras are to be used or the camera is to be used in combination with other equipment, the phase adjustments must be performed using the camera or RCU (RCB) in order to achieve genlock and bring the phases into alignment. Ask your dealer to perform it.

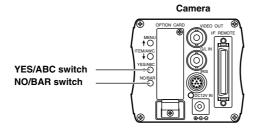
Horizontal phase adjustment

Monitor the genlock signal input (black burst signal) and video signal output waveforms on a dual-trace oscilloscope, and bring the horizontal phase into alignment using the camera or RCU (RCB).

When performing the adjustment using the camera

- ① Hold down the NO/BAR switch for at least 5 seconds or so, and set to color bar signals.
- ② Select "H phase" as the genlock/color bar setting on the sub-menu.
- ③Bring the horizontal phase into alignment using the YES/ABC switch or NO/BAR switch.



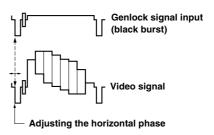


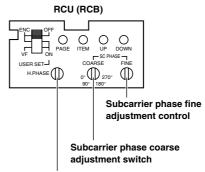
When performing the adjustment using the RCU (RCB)

Use the horizontal phase control to perform the adjustment.

<Note>

When adjusting the horizontal phase from the RCU (RCB), set the BAR/CAM switch to BAR before performing the adjustment. The horizontal phase cannot be adjusted if this switch is set to CAM. Upon completion of the adjustment, be absolutely sure to return the BAR/CAM switch to CAM.





Horizontal phase control

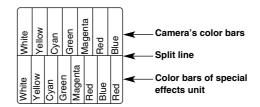
Color phase adjustment

Align the camera's color phase to the reference color tones such as the program output (color bar output which has been split) of a color special effects unit.

Adjusting the color phase with the vectorscope makes it possible to obtain an even finer adjustment.

When performing the adjustment using the camera

- ①Hold down the NO/BAR switch for at least 5 seconds or so, and set to color bar signals.
- ②Select "SC coarse" for the genlock color bar setting on the sub-menu, and use the YES/ABC switch or NO/BAR switch to perform the coarse adjustment.
- ③ Select "SC fine," and use the YES/ABC switch or NO/BAR switch to adjust finely so that the color phase is brought into alignment.



When performing the adjustment using the RCU (RCB)

Use the "subcarrier phase coarse adjustment switch" and "subcarrier phase fine adjustment control" to perform the adjustment.

<Note>

When adjusting the color phase from the RCU (RCB), set the BAR/CAM switch to BAR before performing the adjustment.

The color phase cannot be adjusted if this switch is set to CAM.

Upon completion of the adjustment, be absolutely sure to return the BAR/CAM switch to CAM.

Menu Item Settings and Changes

■ Setting the menu items

- The unit's 4 operation modes (halogen light mode, fluorescent light mode, outdoor mode and user mode) each have a main menu.
- Each item on the main menu has a sub-menu, and each sub-menu has several setting items.
- Although the setting items were preset to the optimum values or levels for each operation mode before the unit was shipped, they can be changed to suit the actual shooting conditions.
- The settings can be performed from the camera or RCU (RCB).

Setting procedure

1) Settings using the camera itself

Hold down the MENU switch for at least 5 seconds.

Settings using RCU (RCB)

Set the user set switch inside the pocket to ON.

The main menu screen for the operation mode selected now appears. Refer to page 18 for details on selecting the operation mode.

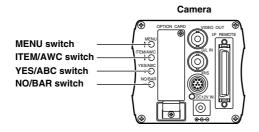
- ②Each time the MENU switch, ITEM/AWC switch or NO/BAR switch is pressed, the flashing item changes.
- ③When the YES/ABC switch is pressed, the sub-menu screen for the flashing item appears.
- (4) Select the item to be set or changed using the menu screen or ITEM/AWC switch.
- ⑤ Change the setting using the YES/ABC switch or NO/BAR switch.
- Select "Return" using the MENU switch or ITEM/AWC switch, and press the YES/ABC switch. Operation now returns to the main menu.
- 7) When the settings are completed
 - Settings using the camera itself

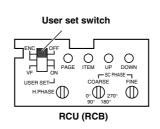
Select "End," and press the YES/ABC switch.

Settings using RCU (RCB)

Set the user set switch inside the pocket to OFF.

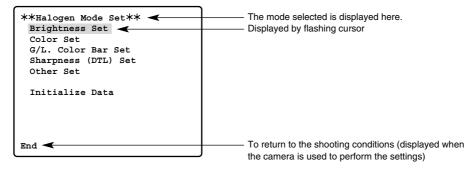
The camera will now operate under these setting conditions.





Main menu screen

Main menus for halogen light mode, fluorescent light mode and outdoor mode



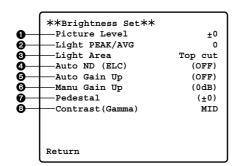
Main menu for user mode

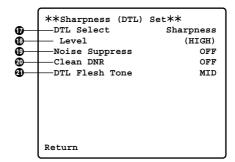
```
**User Mode Set**
Iris, Shutter, Gain Set
Color Set
G/L. Color Bar Set
Detail Set1 Detail Set2
Color Matrix Set
Other Set
Initialize Data
```

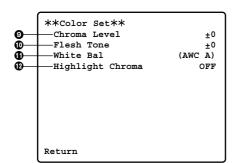
- Composite signals are supplied to the video output whether the RCU (RCB) user set switch is at the ENC or VF position.
- "End" appears when the camera is used to perform the settings.

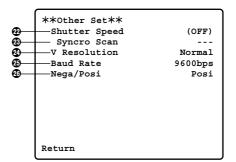
(in halogen light mode, fluorescent light mode or outdoor mode)

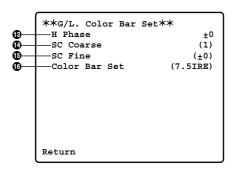
■ Halogen light, fluorescent light and outdoor mode sub-menu screens











- When the RCU (RCB) is used, items whose settings are enclosed in the parentheses are set using the switches or controls on the RCU (RCB).
- To return to the initial (factory) settings, refer to page 42.

(in halogen light mode, fluorescent light mode or outdoor mode)

● Picture level adjustment [Picture Level: -50 to +50]

This is for adjusting the convergence level of Auto Iris, Auto Gain Up and Auto ND (ELC). (The auto iris is adjusted when a motor-driven lens is used.)

2 Light-metering detection ratio adjustment [Light PEAK/AVG: P50 to A50]

This enables the ratio of the average level (A) to peak level (P) at which Auto Iris, Auto Gain Up and Auto ND (ELC) are detected to be adjusted.

Light metering method selection

[Light Area: All, center, top cut, bottom cut, R/L cut]

This enables the light-metering method for Auto Iris, Auto Gain Up and Auto ND (ELC) to be selected.

All : Light metering over the entire screen area; the light of the whole screen is

metered.

Center : Light metering with priority given to the center of the screen; about one-

third of the screen at the top and bottom and one-third on the left and right

sides are cut off.

Top cut : Light metering with one-third at the top cut off; about one-third of the screen

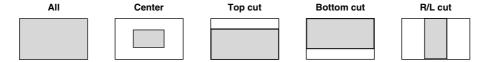
at the top is cut off.

Bottom cut: Light metering with one-third at the bottom cut off; about one-third of the

screen at the bottom is cut off.

R/L cut : Light metering with one-third on the left and right sides cut off; about one-

third of the screen on the left and right sides is cut off.

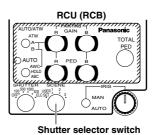


4 Auto ND (ELC) selection [Auto ND (ELC): OFF or ON]

ON: The light quantity is automatically adjusted by controlling the electronic shutter speed.

OFF: The light quantity is not automatically adjusted by the electronic shutter speed.

- When "Auto ND" is selected as the electronic shutter speed setting p in the "Other set" sub-menu, this menu item is automatically set to ON; it is set to OFF if a setting other than "Auto ND" is selected for p.
- When the shutter selector switch is set to "ELC" while the RCU (RCB) is being used, this item is set to ON; it is set to OFF if a setting other than "ELC" is selected for the switch.



(in halogen light mode, fluorescent light mode or outdoor mode)

⑤ Auto gain increase selection [Auto Gain Up: OFF, LOW or HIGH]

LOW: The function for automatically increasing the gain up to approximately 18 dB is activated, and the light quantity is thereby automatically adjusted.

HIGH: The function for automatically increasing the gain up to approximately 30 dB is activated, and if the light quantity is still insufficient, 'night eye' (digital gain increase) is added, and the light quantity is thereby automatically adjusted.

OFF: The function for automatically increasing the gain is not activated (the gain can still be increased manually).

<Note>

The auto gain increase function may not be activated when the camera alone is used. Similarly, it may not be activated when AUTO has been selected as the RCU's (RCB) iris switch setting.

3 Manual gain increase selection [Manu Gain Up: 0 dB to 30 dB or N-Eye (night eye)]

This item can be set only when "OFF" has been selected for the auto gain increase selection **6** setting.

0 dB:

This setting is the one which is normally used.

1 dB to 30 dB:

Use this setting when shooting in dark locations and an adequate video output cannot be obtained even if the lens iris is opened.

N-Eye:

This increases the sensitivity by adding the digital gain increase to the 30 dB gain increase.

<Note>

Only "0 dB," "9 dB" or "18 dB" can be set when the RCU (RCB) is used.

→ Black level adjustment [Pedestal: -30 to +30]

This enables the black level (pedestal) of the luminance (Y) signal to be set. It is used to align the black level of two or more cameras.

3 Contrast adjustment [Contrast: LOW, MID or HIGH]

This enables the contrast to be set in 3 stages.

② Chroma level adjustment [Chroma Level: -3 to +3]

This enables the chroma level to be set in ±3 stages.

This enables the flesh tones to be set in ±3 stages.

(in halogen light mode, fluorescent light mode or outdoor mode)

White balance selection [White Bal: ATW, AWC A, AWC B, P SET

ATW:

Automatic operation is performed to ensure that the white balance is attained at all times.

AWC A. AWC B:

If the white balance is first set and the camera is then used under identical conditions, the need to repeat the white balance setting can be obviated by simply selecting AWC A or AWC B.

The colors can be finely adjusted after executing AWC by adjusting the red and blue gain when the camera is used in the user mode or when RCU (RCB) is used.

P SET 3200K

The white balance which was adjusted under 3200K lighting is set.

P SET 5600K:

The white balance which was adjusted under 5600K lighting is set.

<Note>

When RCU (RCB) is used, P SET 3200K and P SET 5600K cannot be set.

(PHighlight chroma selection [Highlight Chroma: OFF, LOW or HIGH]

When this is set to LOW or HIGH, the dynamic range of the colors is increased to prevent whitening-out in very bright conditions.

⊕ Horizontal phase adjustment [H Phase: –206 to +49]

This enables the horizontal phase during genlock to be adjusted.

Color phase adjustment [SC Coarse: 1, 2, 3 or 4]

This enables the color phase during genlock to be coarsely adjusted.

⑤ Color phase fine adjustment [SC Fine: −511 to +511]

This enables the color phase during genlock to be finely adjusted.

(Color bar setup selection [Color Bar Set: 0.0 IRE or 7.5 IRE]

This enables the setup level of the color bars to be selected.

TSharpness (detail)/super hard switching

[Sharpness/super-hard: sharpness/super-hard]

Set to "Super-hard" if the detail enhancement is inadequate even when "Sharpness" has been selected and the sharpness (detail)/super-hard level adjustment (1) has been set to LOW or HIGH.

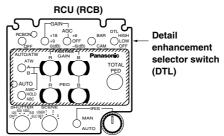
<Note>

When OFF has been selected as the sharpness (detail)/super-hard level adjustment **®** setting, the detail enhancement feature will not work for "Sharpness" or "Super-hard."

(in halogen light mode, fluorescent light mode or outdoor mode)

Sharpness (detail)/super-hard level adjustment [Level: OFF, LOW or HIGH]

This enables the sharpness (detail) level to be adjusted when "Sharpness" has been selected for the sharpness (detail)/super hard switching for setting. When "Superhard" has been selected, it enables the super-hard level to be adjusted. When RCU (RCB) is used, adjustment is possible using the detail enhancement selector switch (DTL).



Noise cancellation compensation level selection [Noise Suppress: OFF, LOW or HIGH]

This is for reducing the amount of screen noise when HIGH or LOW has been selected as the sharpness (detail)/super-hard level adjustment ① setting.

@Clean DNR selection [Clean DNR: OFF, LOW or HIGH]

This enables the clean DNR effect to be selected.

@Flesh tone sharpness level selection [DTL Flesh Tone: LOW, MID or HIGH]

LOW: The roughness of the flesh tones is suppressed.

MID : Standard setting

HIGH: The detail enhancement of the flesh tones is boosted.

Electronic shutter speed selection

[Shutter Speed: OFF, 1/100 to 1/10000, synchro scan or auto ND]

OFF:

The electronic shutter is set to OFF.

1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000:

The electronic shutter is actuated at the respective shutter speed. When the shutter is used at the 1/100 speed in a 50 Hz area, the flicker caused by fluorescent lighting is minimized.

Synchro scan:

The electronic shutter is actuated at the shutter speed set by the electronic shutter synchro scan setting ${\mathfrak B}$.

Auto ND:

The light quantity is automatically adjusted by controlling the electronic shutter. (ELC)

- The speed cannot be set to 1/250, 1/2000, 1/4000 or 1/10000 by operating the RCU (RCB).
- When the auto ND setting is selected under fluorescent lighting, the flicker may increase.
- When ON is selected as the auto ND (ELC) selection 4 setting on the "Brightness Set" sub-menu, the electronic shutter is automatically set to "Auto ND."

(in halogen light mode, fluorescent light mode or outdoor mode)

②Electronic shutter synchro scan setting [Synchro Scan: 60.34 Hz to 15.75 kHz]

This can be set only when "Synchro scan" has been selected as the electronic shutter speed selection ② setting. The horizontal bar noise can be reduced by adjusting the synchro scan frequency when shooting the screen of a work station, etc.

Refer to the table below for the light quantity that should be set at different shutter speeds and synchro scan frequencies.

Shutter speed	Synchro scan frequency	Light quantity ratio required
OFF		1
1/100	99.68Hz	2
1/250	250.0Hz	4
1/500	492.2Hz	8
1/1000	984.4Hz	16
1/2000	1.969kHz	32
1/4000	3.938kHz	64
1/10000	7.875kHz	160

@Image (CCD readout method) selection [V Resolution: Normal or fine]

Normal:

Normal image. (Field storage is used as the CCD storage method.)

Fine:
The vertical resolution is improved. (It is improved by frame storage and the electronic shutter with no accompanying increase in the residual image.)

PC control communication speed selection [Baud Rate: 1200, 2400, 4800 or 9600 bps]

This is for selecting the baud rate at which the camera is to be controlled from a computer.

⚠ Negative/positive selection [Nega/Posi: Posi or Nega]

Posi:

Normal images.

Nega:

Images whose light and dark sections and colors are reversed.

<Note>

Negative images are shown only for composite outputs and Y/C outputs when the option cards are used.

■ User mode sub-menu screens

	$\overline{}$	
	Iris, Shutter, Gain	Set
@ —	Picture Level	±0
<u>ã</u> —	Light PEAK/AVG	_0
Ã —	—Light Area	Top cut
•	night Area	TOP Cut
ூ	——Auto Iris Adjust	OFF
ூ	Shutter Mode	(Step)
ـ	— Step	(OFF)
€	— Syncro Scan	
₫—	Field/Frame	Field
ூ⊕	Gain	(0dB)
҈ —	Pedestal	(±0)
	Return	

⊕ ⊕ ⊕ ⊕	**Detail Set2** Chroma Detail DTL Flesh Tone Corner Detail Precision Detail	0 MID OFF OFF
	Return	

	Color Set	
ூ	Chroma Level	±0
₫—		(AWC A)
<u>.</u>	Highlight Chroma	OFF
6	—Painting	
•	R Gain	(±0)
	B Gain	(±0)
	R Pedestal	(±0)
	B Pedestal	(±0)
⊙ —	2D LPF	OFF
	Return	

ூ	**Color Matrix Set** Matrix(R-G) Matrix(R-B) Matrix(G-R) Matrix(G-B) Matrix(B-R) Matrix(B-G)	±0 ±0 ±0 ±0 ±0
	Return	

9999	**G/L. Color Bar Set** — H Phase — SC Coarse — SC Fine — Color Bar Set	(±0) (1) (±0) 7.51RE
	Return	

	Other Set	
ூ⊕	Gamma	0.45
ூ—	Knee Point	88%
ூ—		110%
	Flare R	0
ᡂ—	Flare G	0
	└─Flare B	0
ூ	—Black Stretch	OFF
❷—	Clean DNR	OFF
҈®—	Baud Rate	9600bps
₫—	Nega/Posi	Posi
	Return	

6 -	**Detail Set1** Detail H Detail Level H	(HIGH) +11
	V Detail Level H	+11
1	H Detail Level L	+7
	└ V Detail Level L	+6
49—	Detail Band	2
Φ—	Noise Suppress	3
ூ⊕	Level Dependent	0%
3 —	Dark Detail	0
	Return	

<Notes:

- When the RCU (RCB) is used, items whose settings are enclosed in the parentheses are set using the switches or controls on the RCU (RCB).
- To return to the initial (factory) settings, refer to page 42.

Picture level adjustment [Picture Level: -50 to +50]

This is for adjusting the AGC/ELC convergence level.

@Light-metering detection ratio adjustment [Light PEAK/AVG: P50 to A50]

This enables the ratio of the average level (A) to peak level (P) at which AGC/ELC is detected to be adjusted.

Light metering method selection [Light Area: All, center, top cut, bottom cut, R/L cut]

This enables the AGC/ELC light-metering method to be selected.

All : Light metering over the entire screen area; the light of the whole screen is

metered.

Center : Light metering with priority given to the center of the screen; about one-

third of the screen at the top and bottom and one-third on the left and right

sides are cut off.

Top cut : Light metering area with one-third at the top cut off; about one-third of the

screen at the top is cut off.

Bottom cut: Light metering area with one-third at the bottom cut off; about one-third of

the screen at the bottom is cut off.

R/L cut : Light metering area with one-third on the left and right sides cut off; about

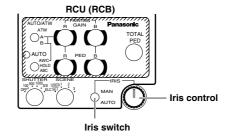
one-third of the screen on the left and right sides is cut off.



Auto iris fine level adjustment [Auto Iris Adjust: OFF or ON]

ON: When the iris switch on the RCU (RCB) is at AUTO, the AGC/ELC convergence level can be finely adjusted using the iris control.

OFF: The iris control does not work when the iris switch on the RCU (RCB) is at AUTO.



@Electronic shutter mode selection [Shutter Mode: Step, ELC or synchro scan]

Step: The electronic shutter is actuated at the shutter speed selected for electronic shutter step selection Θ .

ELC: The light quantity is automatically adjusted by controlling the electronic shutter. Synchro scan:

The electronic shutter is actuated at the shutter speed set by the synchro scan setting

.

<Note>

When "Frame1" is selected as the CCD readout method selection 3 setting, the electronic shutter mode cannot be set.

@Electronic shutter step selection [Step: OFF or 1/100 to 1/10000]

This can only be set when "Step" has been selected as the electronic shutter mode selection 3 setting.

OFF:

The electronic shutter is set to OFF.

1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000:

The electronic shutter is actuated at the respective shutter speed. When the shutter is used at the 1/100 speed in a 50 Hz area, the flicker caused by fluorescent lighting is minimized.

<Notes>

- The speed cannot be set to 1/250, 1/2000, 1/4000 or 1/10000 by operating the RCU (RCB).
- ELC may not operate when the camera alone is used.
 Similarly, it may not work when AUTO has been selected as the RCU (RCB) iris switch setting.
- When ELC is set under fluorescent lighting, the flicker may increase.

Electronic shutter synchro scan setting [Synchro Scan: 60.34 Hz to 15.75 kHz]

This can be set only when "Synchro scan" has been selected as the electronic shutter mode selection (1) setting.

The horizontal bar noise can be reduced by adjusting the synchro scan frequency when shooting the screen of a work station, etc.

Refer to the table below for the light quantity that should be set at different shutter speeds and synchro scan frequencies.

Shutter speed	Synchro scan frequency	Light quantity ratio required
OFF		1
1/100	99.68Hz	2
1/250	250.0Hz	4
1/500	492.2Hz	8
1/1000	984.4Hz	16
1/2000	1.969kHz	32
1/4000	3.938kHz	64
1/10000	7.875kHz	160

@CCD readout method selection [Field/Frame: Field, frame1 or frame2]

Field: Field storage is used as the CCD storage method.

Frame1: Frame storage is used, and the vertical resolution is improved as a result.

Frame2: Field storage and the electronic shutter are used, and the vertical resolution is improved with no accompanying increase in the residual image as a result.

Gain increase adjustment

[Gain: AGC HIGH, AGC LOW, 0 dB to 30 dB or N-Eye (night eye)]

AGC LOW : The function for automatically increasing the gain up to approximately 18

dB is activated, and the light quantity is thereby automatically adjusted.

AGC HIGH : The function for automatically increasing the gain up to approximately 30

dB is activated, and if the light quantity is still insufficient, 'night eye' (digital gain increase) is added, and the light quantity is thereby

automatically adjusted.

OdB: This setting is the one which is normally used.

1 dB to 30 dB : Use this setting when shooting in dark locations and an adequate video $\,$

output cannot be obtained even if the lens iris is opened.

N-Eye : This increases the sensitivity by adding the digital gain increase to the

30 dB gain increase.

<Notes>

• "0 dB," "9 dB," "18 dB," "AGC LOW" and "AGC HIGH" can be set by operating the RCU (RCB).

AGC may not operate when the camera alone is used.
 Similarly, it may not work when AUTO has been selected as the RCU (RCB) iris switch setting.

Black level adjustment [Pedestal: -30 to +30]

This enables the black level (pedestal level) of the luminance (Y) signal to be set. It is used to adjust the black level of two or more cameras.

⊕ Chroma level adjustment [Chroma Level: -3 to +3]

This enables the chroma level to be set in ±3 stages.

White balance selection [White Bal: ATW, AWC A, AWC B, P SET 3200K, P SET 5600K] ATW:

Automatic operation is performed to ensure that the white balance is attained at all times.

AWC A, AWC B:

The color temperature conditions at two locations can be stored in the memory using A and B.

If the white balance is first set and the camera is then used under identical conditions, the need to repeat the white balance setting can be obviated by simply selecting AWC A or AWC B.

The colors can be finely adjusted after executing AWC by using R Gain and B gain in Painting adjustment ① or by adjusting the R (red) and B (blue) gain controls on the RCU (RCB).

P SET 3200K:

The white balance which was adjusted under 3200K lighting is set.

P SET 5600K:

The white balance which was adjusted under 5600K lighting is set.

<Note>

When RCU (RCB) is used, P SET 3200K and P SET 5600K cannot be set.

Highlight chroma selection [Highlight Chroma: OFF, LOW or HIGH]

When this is set to LOW or HIGH, the dynamic range of the colors is increased to prevent whitening-out in very bright conditions.

Painting adjustment [Painting, R Gain, B Gain, R Pedestal, B Pedestal: -30 to +30] R Gain, B Gain:

These enable the white balance after AWC to be finely adjusted when AWC A or AWC B has been selected as the white balance selection ③ setting.

When the RCU (RCB) is to be used for the adjustments, its R (red) and B (blue) gain controls are used.

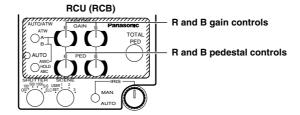
If AWC is executed when using the camera by itself, the settings will return to ± 0 .

R Pedestal, B Pedestal:

These enable the black balance after ABC to be finely adjusted.

When the RCU (RCB) is to be used for the adjustments, its R (red) and B (blue) pedestal controls are used.

If ABC is executed when using the camera by itself, the settings will return to ± 0 .



①2-dimensional low-pass filter selection [2D LPF: OFF, LOW or HIGH]

This is for setting the 2-dimensional low-pass filter which reduces moire and cross color (color blur).

@Horizontal phase adjustment [H Phase: -206 to +49]

This enables the horizontal phase during genlock to be adjusted.

(B) Color phase adjustment [SC Coarse: 1, 2, 3 or 4]

This enables the color phase during genlock to be coarsely adjusted.

♠ Color phase fine adjustment [SC Fine: -511 to +511]

This enables the color phase during genlock to be finely adjusted.

(5) Color bar setup selection [Color Bar Set: 0.0 IRE or 7.5 IRE]

This enables the setup level of the color bars to be selected.

@Detail level selection [Detail: OFF, LOW or HIGH]

This enables the detail enhancement amount to be set.

The detail is enhanced at the levels set by the horizontal and vertical detail level HIGH/LOW settings .

Horizontal detail level HIGH setting [H Detail Level H: +1 to +63]

Vertical detail level HIGH setting [V Detail Level H: +1 to +31]

Horizontal detail level LOW setting [H Detail Level L: 0 to +62]

Vertical detail level LOW setting [V Detail Level L: 0 to +30]

These are for setting the detail levels in the horizontal (H) and vertical (V) directions at the detail level selection (6) HIGH and LOW settings.

The HIGH setting must be higher than the LOW setting by at least "1" in both the horizontal and vertical directions.

49 Detail band selection [Detail Band: 1 to 5]

This is for setting the detail enhancement band when HIGH or LOW has been selected for the detail level selection \odot setting. The higher the setting, the finer the detail.

Noise suppression compensation level adjustment [Noise Suppress: 1 to 10]

This is for reducing the amount of screen noise when HIGH or LOW has been selected for the detail level selection \odot setting. However, if the setting is too high, the sharpness of detailed subjects is reduced.

⑤Level dependent compensation level adjustment [Level Dependent: 0% to 25%]

This is for reducing the amount of screen noise caused by the detail in the dark areas of the subject. However, if the setting is too high, the sharpness of hair, etc. may be lost.

① Dark detail compensation level adjustment [Dark Detail: 0 to 5]

This is for emphasizing the detail in the dark areas of the subject. It can be set only when "0%" has been selected as the level dependent compensation level adjustment setting.

① Chroma detail compensation level adjustment [Chroma Detail: 0 to 15]

This is for emphasizing the detail in the high-chroma areas of the subject.

③ Flesh tone detail level selection [DTL Flesh Tone: LOW, MID or HIGH]

LOW: The roughness of the flesh tones is suppressed.

MID: Standard setting

HIGH: The detail enhancement of the flesh tones is boosted.

© Corner detail selection [Corner Detail: OFF or ON]

This enables the corner detail, which enhances the resolution of the peripheral areas, to be set to ON or OFF when HIGH or LOW has been selected for the detail level selection setting.

n Precision detail level selection [Precision Detail: OFF, LOW or HIGH]

This is for narrowing the detail width to suppress the glaring caused by the detail.

6 Color matrix compensation level adjustment

[Matrix (R-G), (R-B), (G-R), (G-B), (B-R), (B-G): -31 to +31]

These are for adjusting the color matrix compensation.

- (R-G): The colors between red and magenta are toned up or down.
- (R-B): The colors between red and yellow are toned up or down.
- (G-R): The colors between green and cyan are toned up or down.
- (G-B): The yellowish green color is toned up or down.
- (B-R): The colors between blue and cyan are toned up or down.
- (B-G): The purple color is toned up or down.

⑤ Gamma correction level setting [Gamma: 0.35 to 0.55]

This enables the gamma correction level to be set.

88% to 98%:

The level of the knee-compensated video signals can be set (knee point).

Dynamic:

The knee compensation level is automatically adjusted to match the light quality.

White clip level setting [White Clip: 95% to 110%]

The peak level of the white-clipped video signals can be set.

® Flare compensation level adjustment [Flare R/G/B: 0 to 100]

These enable the flare compensation level to be adjusted.

<Note>

The flare compensation level is set prior to shipment.

Black stretch selection [Black Stretch: ON or OFF]

This makes it possible to set the black stretch which compensates for blacking-out under low-brightness conditions to ON or OFF.

②Clean DNR selection [Clean DNR: HIGH, LOW or OFF]

This enables the clean DNR effect to be selected.

®PC control communication speed selection

[Baud Rate: 1200, 2400, 4800 or 9600 bps]

This is for selecting the baud rate at which the camera is to be controlled from a computer.

Megative/positive selection [Nega/Posi: Posi or Nega]

Posi: Normal images.

Nega: Images whose light and dark sections and colors are reversed.

<Note>

Negative images are shown only for composite outputs and Y/C outputs when the option cards are used.

Returning to Initial Settings

The initial (factory) settings can be restored when, for example, mistakes have been made in the settings in the respective mode.

 Select Initialize Data on the main menu for the selected mode, and press the YES/ABC switch. The Initialize Data sub-menu screen shown on the right will now appear for about 10 seconds. Initialize Data sub-menu

(Halogen Mode)

Do you want to initialize Halogen Mode settings?

O.K. : YES SW Cancel : NO SW

2. Once the Initialize Data sub-menu screen has appeared, press the YES/ABC switch within 10 about seconds to initialize the settings. A message is then displayed on the screen such as the one shown in ②, and operation returns to the main menu.

The mode selected is displayed here.

2

Halogen Mode
Initialized

Halogen Mode

3. If, after the Initialize Data sub-menu screen has appeared, the NO/BAR switch is pressed or the YES/ABC switch is not pressed within 10 about seconds, a message such as the one shown in ③ will be displayed on the screen, and operation will return to the main menu without initializing the settings.

<Note>

When an option card is being used, the Option Card Set sub-menu does not return to the initial settings even if the "return to initial settings" operation is performed.

unchanged

Returning to Initial Settings

■ Initial settings (factory settings)

• Initial settings in halogen light, fluorescent light and outdoor modes

	Item	Halogen mode	Fluorescent mode	Outdoor mode
Brightness Set	Picture Level Light PEAK/AVG Light Area Auto ND (ELC) Auto Gain Up Manu Gain Up Pedestal Contrast (Gamma)	±0 0 Top cut OFF OFF 0dB ±0 MID	±0 0 Top cut OFF OFF 0dB ±0 MID	±0 0 Top cut ON HIGH -10 MID
Color Set	Chroma Level Flesh Tone White Bal High-light Chroma	±0 ±0 AWC A OFF	+1 ±0 AWC A OFF	+2 ±0 ATW OFF
G/L. Color Bar Set	H Phase SC Coarse SC Fine Color Bar Set	±0 1 ±0 7.5 IRE	±0 1 ±0 7.5 IRE	±0 1 ±0 7.5 IRE
Sharpness (DTL) Set	DTL Select Level Noise Suppress Clean DNR DTL Flesh Tone	Sharpness HIGH OFF OFF MID	Sharpness HIGH OFF OFF MID	Sharpness HIGH OFF OFF MID
Other Set	Shutter Speed Synchro Scan V Resolution Baud Rate Nega/Posi	OFF Normal 9600bps Posi	OFF Normal 9600bps Posi	Auto ND Normal 9600bps Posi

Returning to Initial Settings

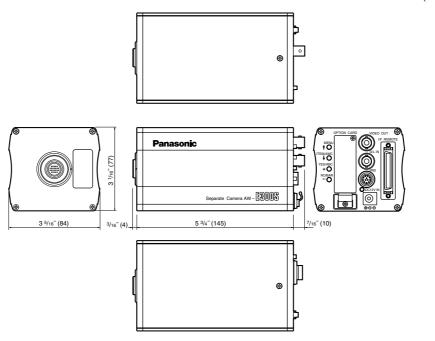
• Initial settings in user mode

	Item	User mode
Iris, Shutter, Gain Set	Picture Level Light PEAK/AVG Light Area Auto Iris Adjust Shutter Mode Step Synchro Scan Field/Frame Gain Pedestal	±0 0 Top cut OFF Step OFF Field 0dB ±0
Color Set	Chroma Level White Bal High-light Chroma Painting R Gain B Gain R Pedestal B Pedestal 2D LPF	±0 AWC A OFF ±0 ±0 ±0 ±0 OFF
G/L. Color Bar Set	H Phase SC Coarse SC Fine Color Bar Set	±0 1 ±0 7.5 IRE
Detail Set 1	Detail H Detail Level H V Detail Level H H Detail Level L V Detail Level L Detail Band Noise Suppress Level Dependent Dark Detail	HIGH +11 +12 +7 +6 2 3 0% 0
Detail Set	Chroma Detail Flesh DTL Level Corner Detail Precision Detail	0 MID OFF OFF

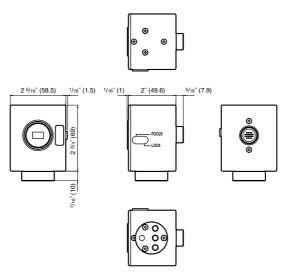
	Item	User mode
	Matrix(R-G) Matrix(R-B)	±0 ±0
Color	Matrix(G-R)	±0
Matrix Set	Matrix(G-B)	±0
Wattix Oct	Matrix(B-R)	±0
	Matrix(B-G)	±0
	Gamma	0.45
	Knee Point	88%
	White Clip	110%
	Flare R	0
	Flare G	0
Other Set	Flare B	0
	Black Stretch	OFF
	Clean DNR	OFF
	Baud Rate	9 600bps
	Nega/Posi	Posi

Outline Drawings

■ Main unit Unit: inch (mm)



■ Camera head unit



Specifications

Power requirements: DC 12V Power consumption: 0.8 A

Operating temperature range:

14°F to +113°F (-10°C to +45°C)

Allowable humidity:

30 % to 90 %

Dimensions (W \times H \times D):

Main unit:

3 ⁵/16"×3 ¹/16"×6 ⁵/16" (84×77×159 mm)

Camera head unit:

3 1/8"×2 3/8"×2 5/16"

(79×60×58.5 mm)

Weight:

Main unit:

Approx. 1.408 lb (0.64 kg)

Camera head unit:

Approx. 0.506 lb (0.23 kg)

Finish:

AV ivory-colored paint (color approximates Munsell 7.9Y6.8/0.8)

Optical system:

1/3-inch prism optical system, f/1.4

Pickup device:

1/3-inch IT-type CCD 3-panel system

Total number of pixels:

811(H)×508(V) for NTSC

Number of effective pixels:

768(H)×494(V) for NTSC

Pickup area:

 $4.8(H)\times3.6(V)$ mm

Scanning system:

NTSC 2:1 interlace, 525 lines, 60 fields, 30 frames

Scanning frequency:

15.734 kHz horizontal, 59.94 Hz vertical

Synchronization system:

Internal sync/gen-lock

Gen-lock input:

1.0 V [p-p] black burst signal (BNC connector, 50-pin D-sub connector)

Video outputs:

NTSC composite 1.0 V [p-p]/75 Ω (BNC connector, 50-pin D-sub connector)

YC:

1.0 V [p-p] for Y, 0.286 V [p-p] for C (50-pin D-sub connector)

Standard illumination:

2,000 lux (3,200K, f/8)

Minimum illumination:

1.5 lux (f/1.4, 'night eye' mode)

S/N ratio:

62 dB (with DNR ON)

Horizontal resolution:

800 lines (high band DTL ON)

Registration:

0.05%

Detail enhancement:

Horizontal/vertical (works for both)

White balance:

Automatically adjusted for A and B in 2 memories, fine adjustment, ATW, 3200K, 5600K

Black balance:

Automatically adjusted

Gain switching:

AGC LOW/HIGH, 0 dB to 30 dB, N-Eye Iris:

Auto, manual

Specifications

Electronic shutter:

Synchro scan:

60.34 Hz to 15.75 kHz

Step shutter:

OFF, 1/100, 1/250, 1/500, 1/1000,

1/2000, 1/4000, 1/10000

ELC:

Target level variable

Operation mode selection:

halogen light, fluorescent light, outdoor,

Color bars:

SMPTE color bars (setup: 0/7.5%)

Lens mount:

1/3-inch C mount

Switches:

Back panel:

MENU, ITEM/AWC, YES/ABC,

NO/BAR

Menu item setting:

Gain, Shutter, White Balance, Detail
Level (OFF/LOW/HIGH), Corner
Detail, Precision Detail Level, Black
Stretch, High Light Chroma, Skin
Color Detail, Photometric
Measurement Method
(ALL/CENTER/TOP CUT/BOTTOM
CUT/R/L CUT) CCD Read Out Mode
(FIELD/FRAME 1/FRAME 2) Clean
DNR, Color Bar Setup, Use Mode,
Nega/Posi, PC Control Access Speed

Adjustment function:

Menu adjustment:

R/B Gain, R/B Pedestal, Black Level, Video Level, Detecting Ratio, Genlock Horizontal Phase/Color Phase, Gamma Compensation Level, Knee Compensation Level, White Clip Level, Horizontal Detail Level, Vertical Detail Level, Detail Band Level, Noise Suppress Compensation Level, Level Dependent Compensation Level, Chroma Detail Compensation Level, Dark Detail Compensation Level, Matrix Compensation Level, Flare Correction Level

Weight and dimensions indicated are approximate.

Specifications are subject to change without notice.

■ Accessories

Connection cable for the camera head and the main unit (3m \times 1)

Panasonic

PANASONIC BROADCAST & TELEVISION SYSTEMS COMPANY

DIVISION OF MATSUSHITA ELECTRIC CORPORATION OF AMERICA

Executive Office:

3330 Cahuenga Blvd W., Los Angeles, CA 90068 (323) 436-3500

EASTERN ZONE:

One Panasonic Way 4E-7, Secaucus, NJ 07094 (201) 348-7621

Southeast Region:

1225 Northbrook Parkway, Ste 1-160, Suwanee, GA 30024 (770) 338-6835

Central Region:

1707 N Randall Road E1-C-1, Elgin, IL 60123 (847) 468-5200

WESTERN ZONE:

3330 Cahuenga Blvd W., Los Angeles, CA 90068 (323) 436-3500

Government Marketing Department:

52 West Gude Drive, Rockville, MD 20850 (301) 738-3840

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Emergency 24 Hour Service (800) 222-0741

Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario L4W 2T3 (905) 624-5010

Panasonic de Mexico S.A. de C.V.

Av angel Urraza Num. 1209 Col. de Valle 03100 Mexico, D.F. (52) 1 951 2127

Panasonic Sales Company

Division of Matsushita Electric of Puerto Rico Inc.

San Gabriel Industrial Park, 65th Infantry Ave., Km. 9.5, Carolina, Puerto Rico 00630 (787) 750-4300

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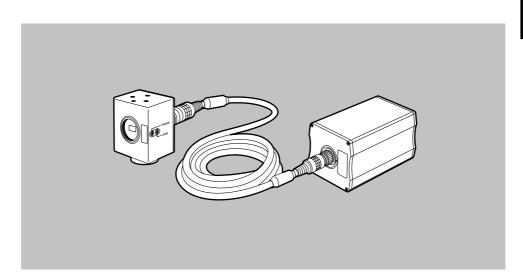
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Operating Instructions

1/3-inch Camera With Separate Head

Model AW-ESOSE



nasonic

Before attempting to connect, operate or adjust this product, please read these instructions completely.

■ DO NOT REMOVE PANEL COVER BY UNSCREWING.

To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside.

Refer servicing to qualified service personnel.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, KEEP THIS EQUIPMENT AWAY FROM ALL LIQUIDS-USE AND STORE ONLY IN LOCATIONS WHICH ARE NOT EXPOSED TO THE RISK OF DRIPPING OR SPLASHING LIQUIDS, AND DO NOT PLACE ANY LIQUID CONTAINERS ON TOP OF THE EQUIPMENT.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

indicates safety information.

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Introduction

- Featuring digital video signal processing, this 1/3-inch 3-CCD system colour camera with its separate head achieves a high picture quality and high reliability as well as many and varied functions despite its compact size and light weight.
- The head is separate which means that it can easily be mounted on a microscope (C mount), for instance.
- Using a menu screen format, the camera's shooting conditions and functions can easily be set and changed.
- The camera can be connected to a peripheral unit such as an RCB or RCU for expanding the capabilities of the system to suit the intended applications.
- A wide range of applications can be supported by installing optional cards.

Features

High picture quality, high reliability, many and varied functions, a compact size and light weight achieved by incorporating digital video signal processing

- Resolution: 800 lines (high band DTL ON), S/N ratio: 62 dB (DNR ON)
- Minimum illumination: 1.5 lux (f/1.4 'night eye' mode)

Many and varied functions despite compact size

- Setting of camera parameters using menu screens enabled
- Auto functions such as ATW, ELC and AGC incorporated
- CCD readout (field, frame) switching supported
 The vertical resolution can be improved by switching to the frame mode, and this is useful for capturing still images and other kinds of image processing.
- Synchro scan function provided to reduce horizontal line noise when computer screens are shot
- Functions for controlling camera by computer incorporated
- Extension of cable (standard length of 3 meters) between head unit and main unit up to 10 meters possible

Faithful image reproduction assured by many compensation circuits

- Even areas with dark colours reproduced clearly by chroma detail enhancement
- Natural detail enhancement enabled even for dark areas by dark detail circuit
- Natural dynamic range reproduced by digital highlight chroma
- Faithful reproduction of colours enabled by digital colour matrix

Full spectrum of video productions supported

- Conditions optimally suited to each application selectable from 4 operation modes (halogen light mode, fluorescent light mode, outdoor mode and user mode)
- Full colour bar display provided
- Remote control enabled by RCU or RCB

Special Notes on Operation

- Turn the power off before connecting or disconnecting cables.
- Connection or disconnection of any studio cable, RCB cable or other cable to any unit of equipment must be performed while power is off.

While the camera is in automatic mode:

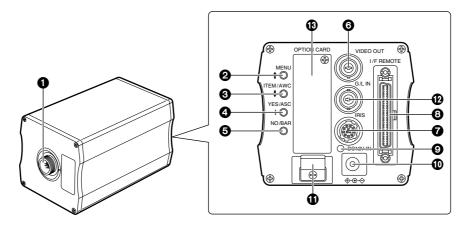
- Shooting of bright objects in ELC operation mode may result in a smeared picture unique to the CCD.
- The ATW function under fluorescent illumination can adversely change the white balance.

Precautions

- Do not attempt to disassemble the camera, Remote Control Unit (RCU) or other units.
 In order to prevent electric shock, do not remove screws or covers. There are no user-serviceable parts inside.
- Do not mishandle the camera. Avoid striking, shaking, etc. The camera contains precision components which could be damaged by improper handling or storage.
- Do not let the lens remain uncovered when the camera is not in use. If the lens is not installed, do not leave the lens mount hole uncovered.
- Do not touch the surface of the lens or prism.
- Do not use strong or abrasive detergents when cleaning the camera body.
- Do not aim the camera toward the sun, irrespective of whether it is turned on or not.
- Do not expose the camera or Remote Control Unit (RCU) to rain or moisture, and do not try to operate the equipment in wet conditions. Do not operate the camera or RCU if it is wet.
- Do not operate the camera or Remote Control Unit (RCU) outdoors during a thunder storm.
- Do not use the camera where it will be subject to high temperatures or high humidity.
- Do not leave the camera and Remote Control Unit (RCU) turned on when not in use. Do not unnecessarily turn the camera power on and off repeatedly. Do not block the ventilation slots.
- Refer any servicing to qualified service personnel.
- Handle the camera with care.
- Place the lens cap on the lens when the camera is not in use. If the lens is not installed, protect the surface of the prism by placing the body cap over the lens mount hole.
- Use a mild blower or lens cleaning tissue designed for coated lenses to clean the surface of the lens or prism if it requires cleaning.
- Use a dry cloth to clean the camera if it is dirty. If the dirt is hard to remove, use mild detergent and wipe gently.
- Use caution when operating the camera near spot lights or bright lights, as well as any
 objects and surfaces which may reflect light.
- If the camera or RCU gets wet, turn the power off immediately and have the unit checked by an authorized service facility.
- Follow normal safety precautions to avoid personal injury.
- Use the camera in an environment where the temperature is within −10°C to +45°C, and the relative humidity is within 30 % to 90 %.
- Always turn the power off when the camera is not going to be used. Operate the camera and RCU only when there is adequate ventilation.
- Operating a wireless device that generates powerful radio waves near the camera may adversely affect the output images.

Parts and Their Functions

■ Main unit



1 Cable connector

This is used to connect the camera to the camera head unit using a cable.

The menu will appear on the screen when this switch is pressed for about 5 seconds. When it is pressed while a menu is displayed, the menu item immediately above is selected.

③ITEM/AWC switch [ITEM/AWC (♣)]

When this switch is pressed while a menu is displayed, the menu item immediately below is selected. While a menu is not displayed (when the camera is in the shooting mode), it serves as the automatic white balance control (AWC) switch.

4 YES/ABC switch [YES/ABC (+)]

When this switch is pressed while a menu is displayed, the sub-menu of a menu item appears on the screen. When it is pressed while a sub-menu is displayed, the higher of the two settings shown is selected. While a menu is not displayed, it serves as the automatic black balance control (ABC) switch.

⑤NO/BAR switch [NO/BAR (−)]

When this switch is pressed while the main menu is displayed, the next item down can be selected. When it is pressed while a sub-menu is displayed, the lower of the two settings shown is selected. When it is pressed for about 5 seconds while a menu is not displayed, the colour bar signals and camera (shooting mode) are switched.

Parts and Their Functions

③ Video output connector [VIDEO OUT]

The composite video signals are output from this connector. (1 V [p-p], 75 Ω , BNC connector)

⊘Iris connector [IRIS]

This is the standard input connector of the lens which comes with an auto iris function.

3 Interface/remote connector [I/F REMOTE]

This is used to connect the remote control unit (RCU: WV-RC700A or WV-RC550), remote control box (RCB: WV-CB700A), etc.

The AW-CA50A26 RCU cable is required to connect the WV-RC700A or WV-RC550.

The AW-CA50T10 RCB cable is required to connect the WV-CB700A.

Power LED

This lights up red when DC power is supplied to the DC 12 V input socket 10.

①DC 12V input socket [DC 12V IN]

The DC 12 V power supply (2 A or above) is connected here using the AW-CA4T1 DC power cable.

Cable clamp

This clamps the AW-CA4T1 DC power cable which has been connected to the DC 12 V input socket $\mathbf{0}$ to prevent the cable from becoming disconnected.

@Genlock input connector [G/L IN]

The external sync (black burst) signals are supplied to this connector to achieve genlock with the camera.

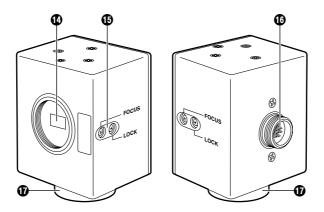
Option card slot

This slot is used by the option cards.

For further details, refer to the operating instructions of the option card concerned.

Parts and Their Functions

■ Camera head unit



Lens mount

A 1/3-inch C mount lens or microscope adapter, etc. is attached here.

• Flange back adjust screw [FOCUS/LOCK]

When the flange back needs to be adjusted, remove the cap, loosen the LOCK screw, and adjust by turning the FOCUS screw. (Adjustment range: ± 0.2 mm) Upon completion of the adjustment, re-tighten the LOCK screw.

(1) Cable connector

This is used to connect the head unit to the main unit using a cable.

Camera mounting adapter

(mounting screw holes: M2.6×10, spring washers provided)

This is used to secure the head unit when it is to be installed on a wall or ceiling or a tripod is to be used. The head unit can be mounted on the top or bottom surface.

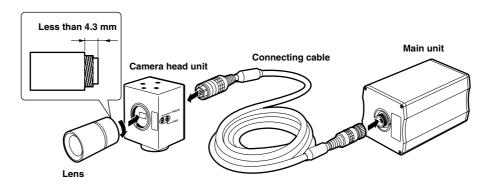
Installation

You must ask your dealer to take charge of installing, adjusting and connecting this unit.

■ Attaching the lens

Remove the lens mount cap, align the lens with the thread ridges on the lens mount and screw it firmly into place.

- A 1/3-inch C mount type of lens can be used.
 Be absolutely sure that a lens whose mount threads extend no more than 4.3 mm from the lens mount surface is used. Use of any other kind of lens may damage the
- Some lenses need to be attached in a different way. Therefore, reference should also be made to the operating instructions that accompany the lens.



■ Installation on a camera stand (tripod, etc.)

- ① Mount the camera mounting adapter onto the top or bottom surface of the camera head unit.
- ②Use the screw holes (1/4-20UNC) in the camera mounting adapter to secure the camera stand (tripod, etc.) firmly.

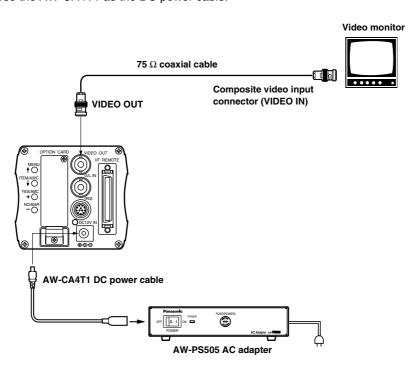
Preventing the head unit from falling off or dropping

Check that the stand can adequately withstand the total weight including the weight of the connecting cable and other parts. Use the prescribed tool to mount the head unit securely, and be absolutely sure to take steps to prevent the camera from dropping.



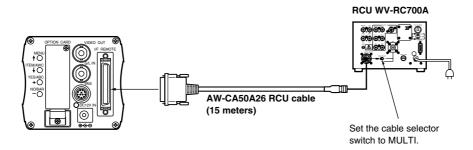
■ Connecting equipment with a composite video input connector

- Connect the output from the camera's video output connector to the video monitor, VTR or other such unit which is provided with a composite video input connector.
- Use the AW-PS505 AC adapter for the power supply. Use the AW-CA4T1 as the DC power cable.



■ Connecting a remote control unit (RCU)

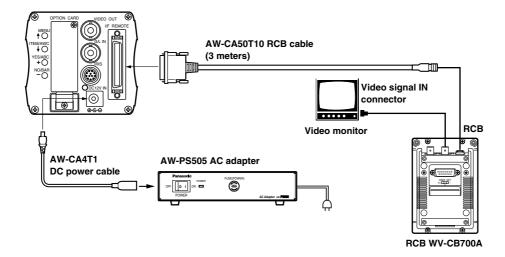
- Use the AW-CA50A26 RCU cable to connect the RCU (WV-RC700A or WV-RC550) and the camera.
- The distance between the WV-RC700A and the camera can be extended up to a maximum of 300 meters.
 - The distance between the WV-RC550 and the camera can be extended up to a maximum of 100 meters.
 - Use the WV-CA26U15 (15 meters), WV-CA26U30 (30 meters) and WV-CA26U100 (100 meters) studio cables and the WV-CA26T26 cable joint adapter for extension.
- The power for the camera is supplied from the RCU.



- ① Before proceeding to connect the RCU to the camera, set the RCU's power switch to OFF
- ②If the WV-RC700A is to be used, set the cable selector switch on the RCU to MULTI.
- ③ Connect the 50-pin end of the RCU cable to the interface/remote connector on the camera, and connect the 26-pin end to the RCU.
- (4) When the RCU's power is set to ON, the camera's power LED lights up, and the camera is controlled from the RCU.

■ Connecting a remote control box (RCB)

• Use the AW-CA50T10 RCB cable to connect the RCB (WV-CB700A) and the camera.

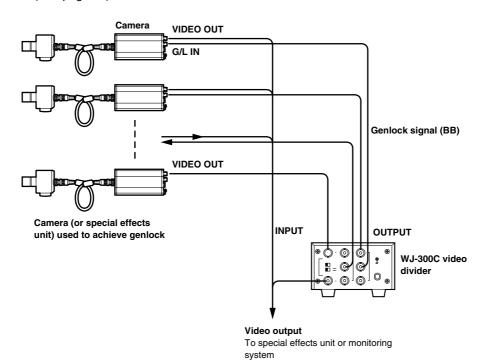


- ①Before proceeding with the connections, set the AC adapter's power switch to OFF and the RCB ON/OFF switch on the RCB panel to OFF.
- ②Connect the 50-pin end of the RCB cable to the interface/remote connector on the camera, and connect the 10-pin end to the RCB.
- ③Once the AC adapter's power switch is set to ON and the RCB ON/OFF switch is set to ON, the camera can be controlled from the RCB.
- (4) Upon completion of shooting, first set the RCB ON/OFF switch to OFF and then set the AC adapter's power switch to OFF.

- The camera's setting will not be stored in the memory if the AC adapter's power switch is set to OFF before the RCB ON/OFF switch is set to OFF.
- Since use of a cable which is too long causes a deterioration in the RCB's monitor output due to attenuation, this output should be used only for monitoring (verification) purposes.
- Genlock input signals cannot be supplied from the RCB.

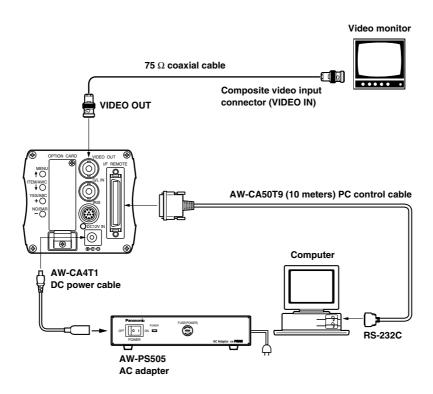
■ Connecting multiple cameras (achieving genlock)

- Input the sync signal (BB) to the genlock input connector.
- Do not turn off the power of the camera which is used to achieve genlock.
- The genlock adjustment must be performed when genlock is to be achieved. (See page 24)



■ Connections for exercising control from a computer

The AW-CA50T9 PC control cable and the dedicated software programme are required for the camera to be controlled from the computer. Ask your dealer for details.



System Configuration (Connections)

■ Reference: Model numbers of related equipment

Read the operating instructions of the equipment concerned along with these instructions.

Remote control unit:

WV-RC700A

Remote control unit:

WV-RC550

Remote control box:

WV-CB700A

RCU rack-mounting chassis:

WV-Q70

Connecting cable:

WV-CA9T5 (D-sub 9-pin—BNC, approx. 5 meters)

Studio cable:

WV-CA26U15, WV-CA26U30, WV-CA26U100

Cable joint adapter:

WV-CA26T26

RCB cable:

AW-CA50T10

RCU able:

AW-CA50A26

PC control cable:

AW-CA50T9

DC power cable:

AW-CA4T1

RGB cable:

AW-CA50T6

Studio card 1 (with RGB/YPrPb output):

AW-PB301

Studio card 2 (with no RGB/YPrPb output):

AW-PB305

RGB card:

AW-PB302

AC adapter:

AW-PS505

Operating Mode Selection

The user can select the camera's functions to match the operating conditions from the four modes which have been preset. Select the mode that suits the shooting conditions and the user's preferences.

Halogen light mode

This mode is suited to shooting indoors at wedding receptions, parties, seminars and other indoor events. Its settings can be changed using a simple menu.

Fluorescent light mode

This mode is suited to shooting indoors under fluorescent lighting. Its settings can be changed using a simple menu.

Outdoor mode

This mode is suited to shooting outdoors. Its settings can be changed using a simple menu.

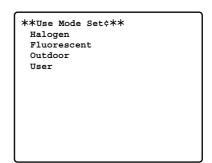
User mode

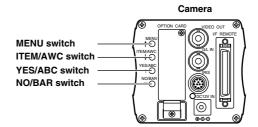
This mode's settings can be changed using a detailed menu.

Operating Mode Selection

■ How to select the operating mode

- Operations using the camera by itself
- ①When the camera's power is turned on while the MENU switch is held down, the Use Mode Set screen appears on the monitor.
- ②Each time the MENU switch, ITEM/AWC switch or NO/BAR switch is pressed, the flashing operating mode changes. Make the desired operating mode flash by pressing of these switches.
- ③When the YES/ABC switch is pressed, the flashing item is set, and the setting screen appears for about 5 seconds, after which the shooting mode is restored. After this, the camera will operate the mode which has been set.

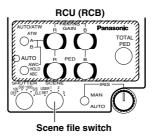




• Operations using the RCU or RCB

The operating mode can be selected using the scene file switch on the RCU or RCB.

Operating mode	RCU (RCB) scene file switch
Halogen light mode	1
Fluorescent light mode	2
Outdoor mode	3
User mode	USER SET



Operating Procedures

- 1. Turn on the power to the units concerned.
- 2. Adjust the subject brightness to the appropriate level.

3. Select the operating mode.

Once this mode is selected, it need not be changed so long as the camera is to be used under the same conditions.

4. Adjust the flange back of the lens, and adjust the iris and focus.

 This adjustment must be performed when using the camera for the first time or when the lens has been changed.

5. Adjust the white balance.

- This adjustment must be performed when using the camera for the first time or when the camera has not been used for a prolonged period.
- It must be performed when the lighting conditions or brightness has changed.
- Once this adjustment has been performed, it need not be repeated so long as the camera is to be used under the same conditions.

6. Adjust the black balance.

- This adjustment must be performed when using the camera for the first time or when the camera has not been used for a prolonged period.
- It must be performed when the ambient temperature has changed significantly or at the turning of the seasons.
- Once this adjustment has been performed, it need not be repeated so long as the camera is to be used under the same conditions.

7. Start shooting.

Upon completion of shooting, turn off the power to the units concerned.

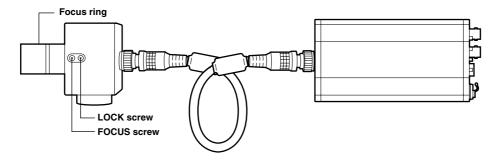
8. To change the camera's settings to match other applications or conditions, refer to page 26 and following.

The settings performed when the camera was shipped are appropriate for most situations.

■ Flange back adjustment

This adjustment will bring the subject into focus across the whole range from the maximum telephoto position to the widest angle position of the zoom lens. Perform this adjustment when back focusing is not achieved with a fixed focus lens. (Adjustment range: ±0.2 mm)

- ①Shoot a dark subject to open the iris.
- ②Reduce the distance between the camera and subject to less than 2 meters, remove the cap over the camera's flange back adjust screw, and loosen the LOCK screw.
- ③ Set the lens to the maximum telephoto position, and bring the subject into focus using the focus ring.
- ④ Set the lens to the widest angle position, and turn the FOCUS screw to bring the subject into focus.
- ⑤ Repeatedly adjust the focus ring and FOCUS screw until the subject is focused within the the zoom range. Upon completion of the adjustment, tighten up the LOCK screw.



■ White balance adjustment

Automatic adjustment (AWC: AWC A/AWC B)

- Use the camera in the AWC mode if the lighting conditions at the shooting site will remain unchanged.
- When "AWC A" or "AWC B" has been selected for the white balance on the Colour Set sub-menu (pages 31, 37), the colour temperature conditions of two locations can be preset (stored in the memory) using A/B.
- When the camera is to be used under the same conditions as those of the settings, simply perform the adjustment once, and set the menu or RCU (RCB) switch to A or B. After this, there is no need to perform the adjustment again.
- When new settings are established, the previous settings will be erased from the memory.
- ① Select "AWC A" or "AWC B" for the white balance.
- ② Shoot a white subject (such as a white wall or white handkerchief) to fill the screen.

The size of the white subject must be at least 10% of the screen, and it must appear in the middle. Keep shiny objects or very bright objects off the screen.

When performing the adjustment using the camera

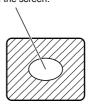
The white balance can be set by pressing the ITEM/AWC switch for at least 2 seconds in the shooting mode.

When performing the adjustment using the RCU (RCB)

④The white balance can be set when the auto set switch is set to "AWC." The AUTO LED flashes while the white balance is being set.

The AUTO LED goes off to indicate the successful completion of the setting, and it lights to indicate a failed setting procedure. Repeat the setting procedure in the latter case.

The white area size must fill at least 10% of the screen.



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RCU (RCB)

AUTO/ATW R GAIN B PANASONIC

ATW PED B

AUTO AWO

AUTO AWO

AUTO Set switch

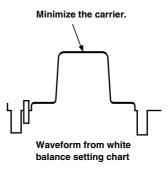
AUTO LED

Manual adjustment

When performing the adjustment using the camera

Manual adjustment can be performed only in the user mode.

- ① Select "AWC A" or "AWC B" for the white balance.
- ② Shoot a white subject to fill the screen, and attain the automatic white balance.
- ③Vary the R (red) and B (blue) gain using Painting on the colour set sub-menu, and adjust it so that the carrier in the white area of the video signals is minimized (or so that the white area of the image turns white). (Perform this adjustment using an oscilloscope or waveform monitor.)



When performing the adjustment using the RCU (RCB)

After having attained the automatic white balance, adjust the R (red) and B (blue) gain using the R and B gain controls of the RCU (RCB).

<Notes>

- The white balance may not be attained properly if the subject brightness is insufficient.
- After setting the white balance, the level is stored for a prolonged period in the memory inside the camera even when the camera's power is turned off. There is no need to set it again provided that the status of the subject's colour temperature remains unchanged. However, if the setting conditions change (if the shooting location changes from outdoors to indoors or vice versa, for example), set the white balance again.
- If the white balance is set when using the camera by itself, the setting for the R (red) and B (blue) gain adjustment using Painting will return to ±0. (The Painting settings are valid only in the user mode.)

Automatic colour temperature tracking (ATW)

It is a good idea to use the camera in the ATW mode if the lighting conditions at the shooting site are likely to change (prolonged shooting outdoors, etc.).

When "ATW" is selected as the white balance setting, compensation is provided automatically so that the white balance is attained automatically even when the light source or colour temperature changes to ensure that the images look natural. <Note>

The white balance may shift if there is no white on the screen.

3200 K, 5600 K presettings

When "P SET 3200K" or "P SET 5600K" is selected as the white balance setting, the status is established in which the white balance is set at a colour temperature of 3200 K or 5600 K, respectively.

■ Black balance adjustment

This adjustment is performed when using the camera for the first time, when the camera has not been used for a prolonged period or when the lighting conditions have changed, causing the white balance to change significantly which in turn has caused the black balance to alter.

- Close the lens before proceeding.
- If the black balance is set when using the camera by itself, the setting for the R (red) and B (blue) gain adjustment using Painting will return to ±0. (The Painting settings are valid only in the user mode.)

When performing the adjustment using the camera

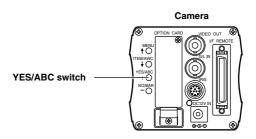
The black balance is set in about 10 seconds when the YES/ABC switch is held down for two or more seconds.

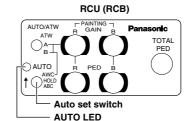
After the black balance has been set, the black balance can be finely adjusted by varying the R pedestal and B pedestal using Painting on the colour set sub-menu in the user mode.

When performing the adjustment using the RCU (RCB)

The black balance is set when the auto set switch is set to "ABC." The AUTO LED flashes while the black balance is being set.

The AUTO LED goes off to indicate a successful completion of the setting, and it lights to indicate a failed setting procedure. Repeat the setting procedure in the latter case.





■ Black level (total pedestal) adjustment

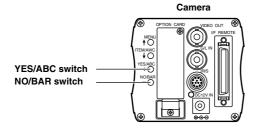
This adjustment is performed to align the black level (pedestal level) of multiple cameras. Ask your dealer to perform it.

(This adjustment is performed using an oscilloscope or waveform monitor.)

When performing the adjustment using the camera

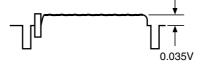
- 1)Close the lens.
- Select the black level using the brightness setting on the sub-menu (or iris/shutter/gain settings in the user mode).
- ③ Adjust the black level to 0.035 V using the YES/ABC switch or NO/BAR switch.

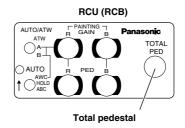
Brightness Set	
A.Iris Level	±0
A.Iris PEAK/AVG	0
A.Iris Area	Top cut
Auto ND (ELC)	OFF
Auto Gain Up	OFF
Manu Gain Up	0dB
Pedestal	±0
Contrast(Gamma)	MID
Return	



When performing the adjustment using the RCU (RCB)

Adjust the black level to 0.035 V using the total pedestal control.





■ Genlock adjustment

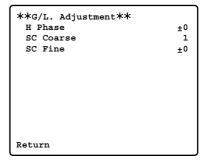
When multiple cameras are to be used or the camera is to be used in combination with other equipment, the phase adjustments must be performed using the camera or RCU (RCB) in order to achieve genlock and bring the phases into alignment. Ask your dealer to perform it.

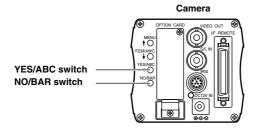
Horizontal phase adjustment

Monitor the genlock signal input (black burst signal) and video signal output waveforms on a dual-trace oscilloscope, and bring the horizontal phase into alignment using the camera or RCU (RCB).

When performing the adjustment using the camera

- ①Hold down the NO/BAR switch for at least 5 seconds or so, and set to colour bars.
- ② Select "H phase" as the genlock/colour bar setting on the sub-menu.
- ③Bring the horizontal phase into alignment using the YES/ABC switch or NO/BAR switch.



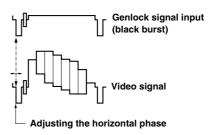


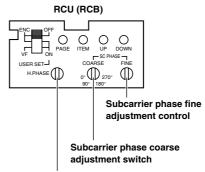
When performing the adjustment using the RCU (RCB)

Use the horizontal phase control to perform the adjustment.

<Note>

When adjusting the horizontal phase from the RCU (RCB), set the BAR/CAM switch to BAR before performing the adjustment. The horizontal phase cannot be adjusted if this switch is set to CAM. Upon completion of the adjustment, be absolutely sure to return the BAR/CAM switch to CAM.





Horizontal phase control

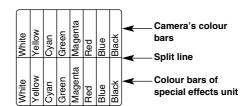
Colour phase adjustment

Align the camera's colour phase to the reference colour tones such as the programme output (colour bar output which has been split) of a colour special effects unit.

Adjusting the colour phase with the vectorscope makes it possible to obtain an even finer adjustment.

When performing the adjustment using the camera

- ①Hold down the NO/BAR switch for at least 5 seconds or so, and set to colour bars.
- ②Select "SC coarse" for the genlock colour bar setting on the sub-menu, and use the YES/ABC switch or NO/BAR switch to perform the coarse adjustment.
- ③ Select "SC fine," and use the YES/ABC switch or NO/BAR switch to adjust finely so that the colour phase is brought into alignment.



When performing the adjustment using the RCU (RCB)

Use the "subcarrier phase coarse adjustment switch" and "subcarrier phase fine adjustment control" to perform the adjustment.

<Note>

When adjusting the colour phase from the RCU (RCB), set the BAR/CAM switch to BAR before performing the adjustment.

The colour phase cannot be adjusted if this switch is set to CAM.

Upon completion of the adjustment, be absolutely sure to return the BAR/CAM switch to CAM.

■ Setting the menu items

- The unit's 4 operation modes (halogen light mode, fluorescent light mode, outdoor mode and user mode) each have a main menu.
- Each item on the main menu has a sub-menu, and each sub-menu has several setting items.
- Although the setting items were preset to the optimum values or levels for each operation mode before the unit was shipped, they can be changed to suit the actual shooting conditions.
- The settings can be performed from the camera or RCU (RCB).

Setting procedure

1) Settings using the camera itself

Hold down the MENU switch for at least 5 seconds.

Settings using RCU (RCB)

Set the user set switch inside the pocket to ON.

The main menu screen for the operation mode selected now appears. Refer to page 17 for details on selecting the operation mode.

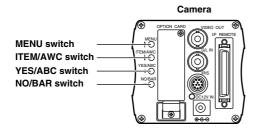
- ②Each time the MENU switch, ITEM/AWC switch or NO/BAR switch is pressed, the flashing item changes.
- 3 When the YES/ABC switch is pressed, the sub-menu screen for the flashing item appears.
- (4) Select the item to be set or changed using the menu screen or ITEM/AWC switch.
- ⑤ Change the setting using the YES/ABC switch or NO/BAR switch.
- Select "Return" using the MENU switch or ITEM/AWC switch, and press the YES/ABC switch. Operation now returns to the main menu.
- 7) When the settings are completed
 - Settings using the camera itself

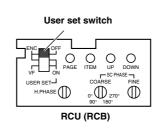
Select "End," and press the YES/ABC switch.

Settings using RCU (RCB)

Set the user set switch inside the pocket to OFF.

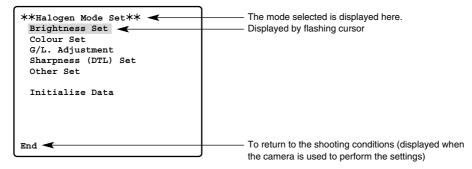
The camera will now operate under these setting conditions.





Main menu screen

Main menus for halogen light mode, fluorescent light mode and outdoor mode



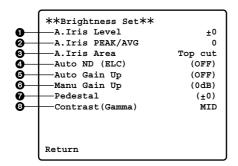
Main menu for user mode

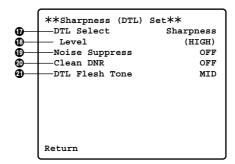
```
**User Mode Set**
Iris, Shutter, Gain Set
Colour Set
G/L. Adjustment
Detail Set1 Detail Set2
Colour Matrix Set
Other Set
Initialize Data
```

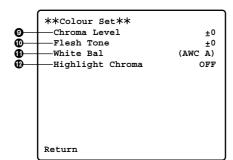
- Composite signals are supplied to the video output whether the RCU (RCB) user set switch is at the ENC or VF position.
- "End" appears when the camera is used to perform the settings.

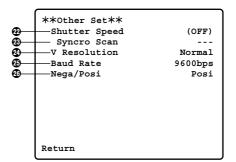
(in halogen light mode, fluorescent light mode or outdoor mode)

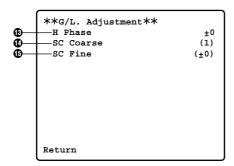
■ Halogen light, fluorescent light and outdoor mode sub-menu screens











- When the RCU (RCB) is used, items whose settings are enclosed in the parentheses are set using the switches or controls on the RCU (RCB).
- To return to the initial (factory) settings, refer to page 41.

(in halogen light mode, fluorescent light mode or outdoor mode)

Picture level adjustment [A. Iris Level: -50 to +50]

This is for adjusting the convergence level of Auto Iris, Auto Gain Up and Auto ND (ELC). (The auto iris is adjusted when a motor-driven lens is used.)

2 Light-metering detection ratio adjustment [A. Iris PEAK/AVG: P50 to A50]

This enables the ratio of the average level (A) to peak level (P) at which Auto Iris, Auto Gain Up and Auto ND (ELC) are detected to be adjusted.

Light metering method selection

[A. Iris Area: All, centre, top cut, bottom cut, R/L cut]

This enables the light-metering method for Auto Iris, Auto Gain Up and Auto ND (ELC) to be selected.

All : Light metering over the entire screen area; the light of the whole screen is

metered.

Centre : Light metering with priority given to the centre of the screen; about one-

third of the screen at the top and bottom and one-third on the left and right

sides are cut off.

Top cut : Light metering with one-third at the top cut off; about one-third of the screen

at the top is cut off.

Bottom cut: Light metering with one-third at the bottom cut off; about one-third of the

screen at the bottom is cut off.

R/L cut : Light metering with one-third on the left and right sides cut off; about one-

third of the screen on the left and right sides is cut off.

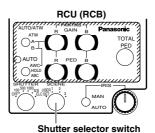


4 Auto ND (ELC) selection [Auto ND (ELC): OFF or ON]

ON: The light quantity is automatically adjusted by controlling the electronic shutter speed.

OFF: The light quantity is not automatically adjusted by the electronic shutter speed.

- When "Auto ND" is selected as the electronic shutter speed setting p in the "Other set" sub-menu, this menu item is automatically set to ON; it is set to OFF if a setting other than "Auto ND" is selected for p.
- When the shutter selector switch is set to "ELC" while the RCU (RCB) is being used, this item is set to ON; it is set to OFF if a setting other than "ELC" is selected for the switch.



(in halogen light mode, fluorescent light mode or outdoor mode)

⑤ Auto gain increase selection [Auto Gain Up: OFF, LOW or HIGH]

LOW: The function for automatically increasing the gain up to approximately 18 dB is activated, and the light quantity is thereby automatically adjusted.

HIGH: The function for automatically increasing the gain up to approximately 30 dB is activated, and if the light quantity is still insufficient, 'night eye' (digital gain increase) is added, and the light quantity is thereby automatically adjusted.

OFF: The function for automatically increasing the gain is not activated (the gain can still be increased manually).

<Note>

The auto gain increase function may not be activated when the camera alone is used. Similarly, it may not be activated when AUTO has been selected as the RCU's (RCB) iris switch setting.

Manual gain increase selection [Manu Gain Up: 0 dB to 30 dB or N-Eye (night eye)]

This item can be set only when "OFF" has been selected for the auto gain increase selection **6** setting.

0 dB:

This setting is the one which is normally used.

1 dB to 30 dB:

Use this setting when shooting in dark locations and an adequate video output cannot be obtained even if the lens iris is opened.

N-Eye:

This increases the sensitivity by adding the digital gain increase to the 30 dB gain increase.

<Note>

Only "0 dB," "9 dB" or "18 dB" can be set when the RCU (RCB) is used.

→ Black level adjustment [Pedestal: -30 to +30]

This enables the black level (pedestal) of the luminance (Y) signal to be set. It is used to align the black level of two or more cameras.

3 Contrast adjustment [Contrast: LOW, MID or HIGH]

This enables the contrast to be set in 3 stages.

② Chroma level adjustment [Chroma Level: -3 to +3]

This enables the chroma level to be set in ±3 stages.

⊕ Flesh tone adjustment [Flesh Tone: -3 to +3]

This enables the flesh tones to be set in ± 3 stages.

(in halogen light mode, fluorescent light mode or outdoor mode)

White balance selection [White Bal: ATW, AWC A, AWC B, P SET]

ATW:

Automatic operation is performed to ensure that the white balance is attained at all times.

AWC A, AWC B:

If the white balance is first set and the camera is then used under identical conditions, the need to repeat the white balance setting can be obviated by simply selecting AWC A or AWC B.

The colours can be finely adjusted after executing AWC by adjusting the red and blue gain when the camera is used in the user mode or when RCU (RCB) is used.

P SET 3200K:

The white balance which was adjusted under 3200K lighting is set.

P SET 5600K:

The white balance which was adjusted under 5600K lighting is set.

<Note>

When RCU (RCB) is used, P SET 3200K and P SET 5600K cannot be set.

(PHighlight chroma selection [Highlight Chroma: OFF, LOW or HIGH]

When this is set to LOW or HIGH, the dynamic range of the colours is increased to prevent whitening-out in very bright conditions.

⊕ Horizontal phase adjustment [H Phase: –206 to +49]

This enables the horizontal phase during genlock to be adjusted.

Colour phase adjustment [SC Coarse: 1, 2, 3 or 4]

This enables the colour phase during genlock to be coarsely adjusted.

©Colour phase fine adjustment [SC Fine: -511 to +511]

This enables the colour phase during genlock to be finely adjusted.

Sharpness (detail)/super hard switching

[Sharpness/super-hard: sharpness/super-hard]

Set to "Super-hard" if the detail enhancement is inadequate even when "Sharpness" has been selected and the sharpness (detail)/super-hard level adjustment (3) has been set to LOW or HIGH.

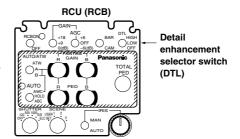
<Note>

When OFF has been selected as the sharpness (detail)/super-hard level adjustment **1** setting, the detail enhancement feature will not work for "Sharpness" or "Super-hard."

(in halogen light mode, fluorescent light mode or outdoor mode)

Sharpness (detail)/super-hard level adjustment [Level: OFF, LOW or HIGH]

This enables the sharpness (detail) level to be adjusted when "Sharpness" has been selected for the sharpness (detail)/super hard switching for setting. When "Superhard" has been selected, it enables the super-hard level to be adjusted. When RCU (RCB) is used, adjustment is possible using the detail enhancement selector switch (DTL).



Noise cancellation compensation level selection [Noise Suppress: OFF, LOW or HIGH]

This is for reducing the amount of screen noise when HIGH or LOW has been selected as the sharpness (detail)/super-hard level adjustment ① setting.

@Clean DNR selection [Clean DNR: OFF, LOW or HIGH]

This enables the clean DNR effect to be selected.

@Flesh tone detail level selection [DTL Flesh Tone: LOW, MID or HIGH]

LOW: The roughness of the flesh tones is suppressed.

MID : Standard setting

HIGH: The detail enhancement of the flesh tones is boosted.

Electronic shutter speed selection

[Shutter Speed: OFF, 1/120 to 1/10000, synchro scan or auto ND]

OFF:

The electronic shutter is set to OFF.

1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000:

The electronic shutter is actuated at the respective shutter speed.

Synchro scan:

The electronic shutter is actuated at the shutter speed set by the electronic shutter synchro scan setting \mathfrak{D} .

Auto ND:

The light quantity is automatically adjusted by controlling the electronic shutter. (ELC) <**Notes>**

- The speed cannot be set to 1/250, 1/2000, 1/4000 or 1/10000 by operating the RCU (RCB).
- When the auto ND setting is selected under fluorescent lighting, the flicker may increase.
- When ON is selected as the auto ND (ELC) selection 4 setting on the "Brightness Set" sub-menu, the electronic shutter is automatically set to "Auto ND."

(in halogen light mode, fluorescent light mode or outdoor mode)

⚠ Electronic shutter synchro scan setting [Synchro Scan: 60.34 Hz to 15.75 kHz]

This can be set only when "Synchro scan" has been selected as the electronic shutter speed selection ② setting. The horizontal bar noise can be reduced by adjusting the synchro scan frequency when shooting the screen of a work station, etc.

Refer to the table below for the light quantity that should be set at different shutter speeds and synchro scan frequencies.

Shutter speed	Synchro scan frequency	Light quantity ratio required
OFF		1
1/120	120.2 Hz	2
1/250	250.0 Hz	4
1/500	492.2 Hz	8
1/1000	984.4 Hz	16
1/2000	1.969 kHz	32
1/4000	3.938 kHz	64
1/10000	7.875 kHz	160

@Image (CCD readout method) selection [V Resolution: Normal or fine]

Normal:

Normal image. (Field storage is used as the CCD storage method.) Fine:

The vertical resolution is improved. (It is improved by frame storage and the electronic shutter with no accompanying increase in the residual image.)

PC control communication speed selection [Baud Rate: 1200, 2400, 4800 or 9600 bps]

This is for selecting the baud rate at which the camera is to be controlled from a computer.

⚠ Negative/positive selection [Nega/Posi: Posi or Nega]

Posi:

Normal images.

Nega:

Images whose light and dark sections and colours are reversed.

<Note>

Negative images are shown only for composite outputs and Y/C outputs when the option cards are used.

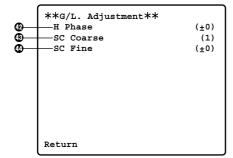
■ User mode sub-menu screens

8888888	**Iris, Shutter, Gain A.Iris Level A.Iris PEAK/AVG A.Iris Area Auto Iris Adjust Shutter Mode Step Syncro Scan	±0 0 Top cut OFF (Step) (OFF)
0 —	Syncro Scan Field/Frame	Field
8	Gain Pedestal	(0dB) (±0)
	Return	

88 8 8 8 8 8	**Detail Set2** —Chroma Detail —DTL Flesh Tone —Corner Detail —Precision Detail	0 MID OFF OFF
	Return	

	Colour Set	
თ—	Chroma Level	±0
₫9—		(AWC A)
ூ@—	—Highlight Chroma	OFF
₩—	Painting	
	R Gain	(±0)
	B Gain	(±0)
	R Pedestal	(±0)
	B Pedestal	(±0)
o —	2D LPF	OFF
	Return	

5	**Colour Matrix Set** Matrix(R-G) Matrix(G-B) Matrix(G-B) Matrix(B-R) Matrix(B-G)	±0 ±0 ±0 ±0 ±0
	Return	



5	**Other Set** —Gamma —Knee Point —White Clip —Flare R Flare G	0.45 88% 110% 0
⊕	Flare B Black Stretch	0 OFF
88 88	—Clean DNR —Baud Rate —Nega/Posi	OFF 9600bps Posi
-	Return	

	Detail Set1	
₩—	Detail	(HIGH)
	├ H Detail Level H	+11
⊕	V Detail Level H	+12
—	H Detail Level L	+7
	└─ V Detail Level L	+6
49—	Detail Band	2
Φ—	Noise Suppress	3
⑤ —	Level Dependent	0%
3 —	—Dark Detail	0
	Return	

- When the RCU (RCB) is used, items whose settings are enclosed in the parentheses are set using the switches or controls on the RCU (RCB).
- To return to the initial (factory) settings, refer to page 41.

Picture level adjustment [A. Iris Level: -50 to +50]

This is for adjusting the AGC/ELC convergence level.

@Light-metering detection ratio adjustment [A. Iris PEAK/AVG: P50 to A50]

This enables the ratio of the average level (A) to peak level (P) at which AGC/ELC is detected to be adjusted.

Light metering method selection

[A. Iris Area: All, centre, top cut, bottom cut, R/L cut]

This enables the AGC/ELC light-metering method to be selected.

All : Light metering over the entire screen area; the light of the whole screen is

metered.

Centre : Light metering with priority given to the centre of the screen; about one-

third of the screen at the top and bottom and one-third on the left and right

sides are cut off.

Top cut : Light metering area with one-third at the top cut off; about one-third of the

screen at the top is cut off.

Bottom cut: Light metering area with one-third at the bottom cut off; about one-third of

the screen at the bottom is cut off.

R/L cut : Light metering area with one-third on the left and right sides cut off; about

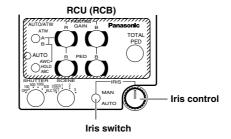
one-third of the screen on the left and right sides is cut off.



Auto iris fine level adjustment [Auto Iris Adjust: OFF or ON]

ON: When the iris switch on the RCU (RCB) is at AUTO, the AGC/ELC convergence level can be finely adjusted using the iris control.

OFF: The iris control does not work when the iris switch on the RCU (RCB) is at AUTO.



@Electronic shutter mode selection [Shutter Mode: Step, ELC or synchro scan]

Step : The electronic shutter is actuated at the shutter speed selected for electronic shutter step selection Θ .

ELC: The light quantity is automatically adjusted by controlling the electronic shutter. Synchro scan:

The electronic shutter is actuated at the shutter speed set by the synchro scan setting .

<Note>

When "Frame1" is selected as the CCD readout method selection 3 setting, the electronic shutter mode cannot be set.

@Electronic shutter step selection [Step: OFF or 1/120 to 1/10000]

This can only be set when "Step" has been selected as the electronic shutter mode selection 3 setting.

OFF:

The electronic shutter is set to OFF.

1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000:

The electronic shutter is actuated at the respective shutter speed.

<Notes>

- The speed cannot be set to 1/250, 1/2000, 1/4000 or 1/10000 by operating the RCU (RCB).
- ELC may not operate when the camera alone is used.
 Similarly, it may not work when AUTO has been selected as the RCU (RCB) iris switch setting.
- When ELC is set under fluorescent lighting, the flicker may increase.

This can be set only when "Synchro scan" has been selected as the electronic shutter mode selection (1) setting.

The horizontal bar noise can be reduced by adjusting the synchro scan frequency when shooting the screen of a work station, etc.

Refer to the table below for the light quantity that should be set at different shutter speeds and synchro scan frequencies.

Shutter speed	Synchro scan frequency	Light quantity ratio required
OFF		1
1/120	120.2 Hz	2
1/250	250.0 Hz	4
1/500	492.2 Hz	8
1/1000	984.4 Hz	16
1/2000	1.969 kHz	32
1/4000	3.938 kHz	64
1/10000	7.875 kHz	160

@CCD readout method selection [Field/Frame: Field, frame1 or frame2]

Field : Field storage is used as the CCD storage method.

Frame1: Frame storage is used, and the vertical resolution is improved as a result.

Frame2: Field storage and the electronic shutter are used, and the vertical resolution is improved with no accompanying increase in the residual image as a result.

Gain increase adjustment

[Gain: AGC HIGH, AGC LOW, 0 dB to 30 dB or N-Eye (night eye)]

AGC LOW: The function for automatically increasing the gain up to

approximately 18 dB is activated, and the light quantity is

thereby automatically adjusted.

AGC HIGH : The function for automatically increasing the gain up to

approximately 30 dB is activated, and if the light quantity is still insufficient, 'night eye' (digital gain increase) is added, and the

light quantity is thereby automatically adjusted.

0 dB : This setting is the one which is normally used.

1 dB to 30 dB : Use this setting when shooting in dark locations and an

adequate video output cannot be obtained even if the lens iris is

opened.

N-Eye : This increases the sensitivity by adding the digital gain increase

to the 30 dB gain increase.

<Notes>

• "0 dB," "9 dB," "18 dB," "AGC LOW" and "AGC HIGH" can be set by operating the RCU (RCB).

AGC may not operate when the camera alone is used.
 Similarly, it may not work when AUTO has been selected as the RCU (RCB) iris switch setting.

Black level adjustment [Pedestal: -30 to +30]

This enables the black level (pedestal level) of the luminance (Y) signal to be set. It is used to adjust the black level of two or more cameras.

⊕ Chroma level adjustment [Chroma Level: -3 to +3]

This enables the chroma level to be set in ±3 stages.

White balance selection [White Bal: ATW, AWC A, AWC B, P SET 3200K, P SET 5600K] ATW:

Automatic operation is performed to ensure that the white balance is attained at all times.

AWC A, AWC B:

The colour temperature conditions at two locations can be stored in the memory using A and B.

If the white balance is first set and the camera is then used under identical conditions, the need to repeat the white balance setting can be obviated by simply selecting AWC A or AWC B.

The colours can be finely adjusted after executing AWC by using R Gain and B gain in Painting adjustment ① or by adjusting the R (red) and B (blue) gain controls on the RCU (RCB).

P SET 3200K:

The white balance which was adjusted under 3200K lighting is set.

P SET 5600K:

The white balance which was adjusted under 5600K lighting is set.

Highlight chroma selection [Highlight Chroma: OFF, LOW or HIGH]

When this is set to LOW or HIGH, the dynamic range of the colours is increased to prevent whitening-out in very bright conditions.

Painting adjustment [Painting, R Gain, B Gain, R Pedestal, B Pedestal: -30 to +30] R Gain, B Gain:

These enable the white balance after AWC to be finely adjusted when AWC A or AWC B has been selected as the white balance selection ③ setting.

When the RCU (RCB) is to be used for the adjustments, its R (red) and B (blue) gain controls are used.

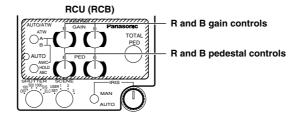
If AWC is executed when using the camera by itself, the settings will return to ± 0 .

R Pedestal, B Pedestal:

These enable the black balance after ABC to be finely adjusted.

When the RCU (RCB) is to be used for the adjustments, its R (red) and B (blue) pedestal controls are used.

If ABC is executed when using the camera by itself, the settings will return to ± 0 .



①2-dimensional low-pass filter selection [2D LPF: OFF, LOW or HIGH]

This is for setting the 2-dimensional low-pass filter which reduces moire and cross colour (colour blur).

⊕ Horizontal phase adjustment [H Phase: –206 to +49]

This enables the horizontal phase during genlock to be adjusted.

(B) Colour phase adjustment [SC Coarse: 1, 2, 3 or 4]

This enables the colour phase during genlock to be coarsely adjusted.

⚠ Colour phase fine adjustment [SC Fine: -511 to +511]

This enables the colour phase during genlock to be finely adjusted.

(6) Detail level selection [Detail: OFF, LOW or HIGH]

This enables the detail enhancement amount to be set.

The detail is enhanced at the levels set by the horizontal and vertical detail level HIGH/LOW settings Φ .

Horizontal detail level HIGH setting [H Detail Level H: +1 to +63]

Vertical detail level HIGH setting [V Detail Level H: +1 to +31]

Horizontal detail level LOW setting [H Detail Level L: 0 to +62]

Vertical detail level LOW setting [V Detail Level L: 0 to +30]

These are for setting the detail levels in the horizontal (H) and vertical (V) directions at the detail level selection (6) HIGH and LOW settings.

The HIGH setting must be higher than the LOW setting by at least "1" in both the horizontal and vertical directions.

49 Detail band selection [Detail Band: 1 to 5]

This is for setting the detail enhancement band when HIGH or LOW has been selected for the detail level selection \odot setting. The higher the setting, the finer the detail.

Noise suppression compensation level adjustment [Noise Suppress: 1 to 10]

This is for reducing the amount of screen noise when HIGH or LOW has been selected for the detail level selection \odot setting. However, if the setting is too high, the sharpness of detailed subjects is reduced.

⑤Level dependent compensation level adjustment [Level Dependent: 0% to 25%]

This is for reducing the amount of screen noise caused by the detail in the dark areas of the subject. However, if the setting is too high, the sharpness of hair, etc. may be lost.

① Dark detail compensation level adjustment [Dark Detail: 0 to 5]

This is for emphasizing the detail in the dark areas of the subject. It can be set only when "0%" has been selected as the level dependent compensation level adjustment setting.

① Chroma detail compensation level adjustment [Chroma Detail: 0 to 15]

This is for emphasizing the detail in the high-chroma areas of the subject.

③ Flesh tone detail level selection [DTL Flesh Tone: LOW, MID or HIGH]

LOW: The roughness of the flesh tones is suppressed.

MID: Standard setting

HIGH: The detail enhancement of the flesh tones is boosted.

⚠ Corner detail selection [Corner Detail: OFF or ON]

This enables the corner detail, which enhances the resolution of the peripheral areas, to be set to ON or OFF when HIGH or LOW has been selected for the detail level selection setting.

n Precision detail level selection [Precision Detail: OFF, LOW or HIGH]

This is for narrowing the detail width to suppress the glaring caused by the detail.

6 Colour matrix compensation level adjustment

[Matrix (R-G), (R-B), (G-R), (G-B), (B-R), (B-G): -31 to +31]

These are for adjusting the colour matrix compensation.

- (R-G): The colours between red and magenta are toned up or down.
- (R-B): The colours between red and yellow are toned up or down.
- (G-R): The colours between green and cyan are toned up or down.
- (G-B): The yellowish green colour is toned up or down.
- (B-R): The colours between blue and cyan are toned up or down.
- (B-G): The purple colour is toned up or down.

Gamma correction level setting [Gamma: 0.35 to 0.55]

This enables the gamma correction level to be set.

⑤ Knee compensation level setting [Knee Point: 88% to 98% or dynamic]

88% to 98%:

The level of the knee-compensated video signals can be set (knee point).

Dynamic:

The knee compensation level is automatically adjusted to match the light quality.

White clip level setting [White Clip: 95% to 110%]

The peak level of the white-clipped video signals can be set.

These enable the flare compensation level to be adjusted.

<Note>

The flare compensation level is set prior to shipment.

Black stretch selection [Black Stretch: ON or OFF]

This makes it possible to set the black stretch which compensates for blacking-out under low-brightness conditions to ON or OFF.

②Clean DNR selection [Clean DNR: HIGH, LOW or OFF]

This enables the clean DNR effect to be selected.

®PC control communication speed selection

[Baud Rate: 1200, 2400, 4800 or 9600 bps]

This is for selecting the baud rate at which the camera is to be controlled from a computer.

Megative/positive selection [Nega/Posi: Posi or Nega]

Posi: Normal images.

Nega: Images whose light and dark sections and colours are reversed.

<Note>

Negative images are shown only for composite outputs and Y/C outputs when the option cards are used.

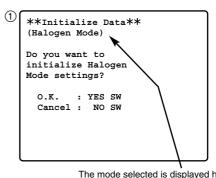
Returning to Initial Settings

The initial (factory) settings can be restored when, for example, mistakes have been made in the settings in the respective mode.

 Select Initialize Data on the main menu for the selected mode, and press the YES/ABC switch. The Initialize Data sub-menu screen shown on the right will now appear for about 10 seconds.

- 2. Once the Initialize Data sub-menu screen has appeared, press the YES/ABC switch within 10 about seconds to initialize the settings. A message is then displayed on the screen such as the one shown in ②, and operation returns to the main menu.
- 3. If, after the Initialize Data sub-menu screen has appeared, the NO/BAR switch is pressed or the YES/ABC switch is not pressed within 10 about seconds, a message such as the one shown in ③ will be displayed on the screen, and operation will return to the main menu without initializing the settings.

Initialize Data sub-menu



The mode selected is displayed here.

(2)

Halogen Mode Initialized



<Note>

When an option card is being used, the Option Card Set sub-menu does not return to the initial settings even if the "return to initial settings" operation is performed.

Returning to Initial Settings

■ Initial settings (factory settings)

• Initial settings in halogen light, fluorescent light and outdoor modes

	Item	Halogen mode	Fluorescent mode	Outdoor mode
Brightness Set	A.Iris Level A.Iris PEAK/AVG A.Iris Area Auto ND (ELC) Auto Gain Up Manu Gain Up Pedestal Contrast (Gamma)	±0 0 Top cut OFF OFF 0dB ±0 MID	±0 0 Top cut OFF OFF 0dB ±0 MID	±0 0 Top cut ON HIGH -10 MID
Colour Set	Chroma Level Flesh Tone White Bal High-light Chroma	±0 ±0 AWC A OFF	+1 ±0 AWC A OFF	+2 ±0 ATW OFF
G/L. Adjustment	H Phase SC Coarse SC Fine	±0 1 ±0	±0 1 ±0	±0 1 ±0
Sharpness (DTL) Set	DTL Select Level Noise Suppress Clean DNR DTL Flesh Tone	Sharpness HIGH OFF OFF MID	Sharpness HIGH OFF OFF MID	Sharpness HIGH OFF OFF MID
Other Set	Shutter Speed Synchro Scan V Resolution Baud Rate Nega/Posi	OFF Normal 9600bps Posi	OFF Normal 9600bps Posi	Auto ND Normal 9600bps Posi

Returning to Initial Settings

• Initial settings in user mode

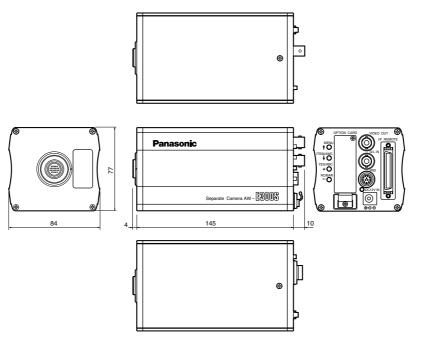
	Item	User mode
Iris, Shutter, Gain Set	A.Iris Level A.Iris PEAK/AVG A.Iris Area Auto Iris Adjust Shutter Mode Step Synchro Scan Field/Frame Gain Pedestal	±0 0 Top cut OFF Step OFF Field 0dB ±0
Colour Set	Chroma Level White Bal High-light Chroma Painting R Gain B Gain R Pedestal B Pedestal 2D LPF	±0 AWC A OFF ±0 ±0 ±0 ±0 OFF
G/L. Adjustment	H Phase SC Coarse SC Fine	±0 1 ±0
Detail Set 1	Detail H Detail Level H V Detail Level H H Detail Level L V Detail Level L Detail Band Noise Suppress Level Dependent Dark Detail	HIGH +11 +12 +7 +6 2 3 0% 0
Detail Set 2	Chroma Detail Flesh DTL Level Corner Detail Precision Detail	0 MID OFF OFF

	Item	User mode
	Matrix(R-G)	±0
	Matrix(R-B)	±0
Colour	Matrix(G-R)	±0
Matrix Set	Matrix(G-B)	±0
Wattix Set	Matrix(B-R)	±0
	Matrix(B-G)	±0
	Gamma	0.45
	Knee Point	88%
	White Clip	110%
	Flare R	0
	Flare G	0
Other Set	Flare B	0
	Black Stretch	OFF
	Clean DNR	OFF
	Baud Rate	9 600bps
	Nega/Posi	Posi

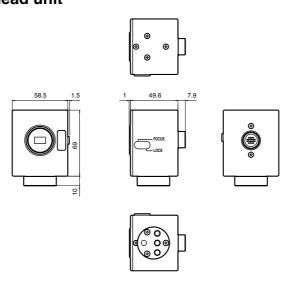
Outline Drawings

■ Main unit

Unit: mm



■ Camera head unit



44 (E)

Specifications

Power requirements: DC 12V **Power consumption:** 0.8 A

Operating temperature range:

-10°C to +45°C

Allowable humidity:

30 % to 90 %

Dimensions (W \times H \times D):

Main unit:

84×77×159 mm

Camera head unit:

 $79 \times 60 \times 58.5 \text{ mm}$

Weight:

Main unit:

Approx. 0.64 kg

Camera head unit:

Approx. 0.23 kg

Finish:

AV ivory-coloured paint (colour approximates Munsell 7.9Y6.8/0.8)

Optical system:

1/3-inch prism optical system, f/1.4

Pickup device:

1/3-inch IT-type CCD 3-panel system

Total number of pixels:

795(H)×596(V)

Number of effective pixels:

752(H)×582(V)

Pickup area:

4.8(H)×3.6(V) mm

Scanning system:

2:1 interlace, 625 lines, 50 fields, 25 frames

Scanning frequency:

15.625 kHz horizontal, 50 Hz vertical

Synchronization system:

Internal sync/gen-lock

Gen-lock input:

1.0 V [p-p] black burst signal (BNC connector, 50-pin D-sub connector)

Video outputs:

Composite 1.0 V [p-p]/75 Ω (BNC connector, 50-pin D-sub connector)

YC:

1.0 V [p-p] for Y, 0.3V [p-p] for C (50-pin D-sub connector)

Standard illumination:

2,000 lux (3,200K, f/8)

Minimum illumination:

1.5 lux (f/1.4, 'night eye' mode)

S/N ratio:

60 dB (with DNR ON)

Horizontal resolution:

800 lines (high band DTL ON)

Registration:

0.05%

Detail enhancement:

Horizontal/vertical (works for both)

White balance:

Automatically adjusted for A and B in 2 memories, fine adjustment, ATW, 3200K, 5600K

Black balance:

Automatically adjusted

Gain switching:

AGC LOW/HIGH, 0 dB to 30 dB, N-Eye Iris:

Auto, manual

Specifications

Electronic shutter:

Synchro scan:

50.24 Hz to 15.63 kHz

Step shutter:

OFF, 1/120, 1/250, 1/500, 1/1000,

1/2000, 1/4000, 1/10000

ELC:

Target level variable

Operation mode selection:

halogen light, fluorescent light, outdoor,

Colour bars:

Full colour bars (setup: 0)

Lens mount:

1/3-inch C mount

Switches:

Back panel:

MENU, ITEM/AWC, YES/ABC,

NO/BAR

Menu item setting:

Gain, Shutter, White Balance, Detail Level (OFF/LOW/HIGH), Corner Detail, Precision Detail Level, Black Stretch, High Light Chroma, Skin Colour Detail, Photometric Measurement Method (ALL/CENTRE/TOP CUT/BOTTOM CUT/R/L CUT) CCD Read Out Mode (FIELD/FRAME 1/FRAME 2) Clean DNR, Colour Bar Setup, Use Mode, Nega/Posi, PC Control Access Speed

Adjustment function:

Menu adjustment:

R/B Gain, R/B Pedestal, Black Level, Video Level, Detecting Ratio, Genlock Horizontal Phase/Colour Phase, Gamma Compensation Level, Knee Compensation Level, White Clip Level, Horizontal Detail Level, Vertical Detail Level, Detail Band Level, Noise Suppress Compensation Level, Level Dependent Compensation Level, Chroma Detail Compensation Level, Dark Detail Compensation Level, Matrix Compensation Level, Flare Correction Level

Weight and dimensions indicated are approximate.

Specifications are subject to change without notice.

■ Accessories

Connection cable for the camera head and the main unit (3 m \times 1)

Matsushita	a Electric	Industria	l Co.,∃	Ltd.
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Central P.O. Box 288, Osaka 530-8691, Japan

Printed in Japan VQT9258

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SECTION 2

ELECTRICAL ADJUSTMENTS

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1.	Test Equipment Required	. 1
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3.	Connection and Setting Up for Adjustment	. 1
	3-1. Connection	. 1
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4	Adjustment Procedure	2

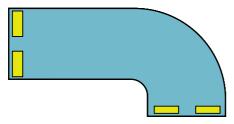
ADJUSTMENT PROCEDURES

1. Test Equipment Required

- The following test Equipments are required for adjustment of the Convertible Camera AW-E300S.
- Oscilloscope
- Frequency Counter
- Digital Voltmeter
- Vectorscope
- Waveform Monitor
- Underscanned Color Video Monitor
- Signal Generator
- 12 V DC Power Supply Unit
- Lux Meter
- Lighting (200 footcandles (2,000 lx), Color Temperature 3,200 K)
- Auto Iris Lens (C-Mount)
- Camera Cables AW-CA50T6
- 1/2 ND Filter (2 pieces)
- Remote Control Box (WV-CB700)
- Logarithmic Gray Scale Chart (Part No.: YWV2310RB99)
- Extension Board between CCD and Drive Board or Preamp. Board (Part No.: 0E1A019A)



 Extension Board between Joint Board and Preprocess or DSP/Encoder Board (Part No.: 0E1A020A)



 Extension Board between Power Board and Option Card (Part No.: 0E1A021A)



 Extension Board between Joint Board and Preamp. Board (Part No.: 0E1A034A)



 Extension Board between Joint Board and Drive Board (Part No.: 0E1A035A)



2. Disassembling Procedure for Adjustment

 Referring to Fig. 2-1, remove four screws that secure the Rear Panel and remove the Rear Panel on Main unit.

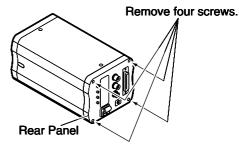


Fig. 2-1

3. Connection and Setting Up for Adjustment

3.1. Connection

 The Fig. 3-1 shows the connection diagram for the adjustment procedure.

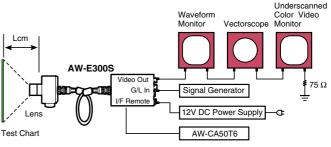


Fig. 3-1

- Connect the Underscanned Color Video Monitor to the Video Output Connector on the Rear Panel of the Convertible Camera AW-E300S through the Waveform Monitor and the Vectorscope.
- Terminate the input terminal of the Underscanned Color Video Monitor with 75 Ω .
- Mount the Auto Iris Lens to the AW-E300S.
- Connect the Power Supply Unit to the DC 12 V Input Connector on the Rear Panel of the AW-E300S.

- Terminate the Connectors of the AW-CA50T6 with 75 Ω .
- Connect the probe of the Digital Voltmeter, Oscilloscope or Frequency Counter to the required Test Point in each adjustment step.

3.2. Setting Up for Standard Picture

- The adjustment should be done after 10 minutes warm-up.
- · Set the Logarithmic Gray Scale Chart.
- Illuminate light of 2,000 ± 50 lx on the Logarithmic Gray Scale Chart.
- · Aim the Camera at the Logarithmic Gray Scale Chart.
- Set the Camera so that the Logarithmic Gray Scale Chart becomes full picture on the Underscanned Color Video Monitor.
- Connect the Oscilloscope to E203 (G-OUT) on the Preamp. Board.
- Adjust the Lens Focus to obtain correct focal point.
- Set the Lens Iris so that the peak level of the Gray Scale from the Blanking level becomes 300 mVp-p as shown in Fig. 3-2.

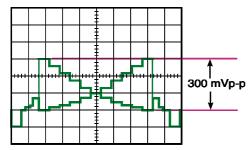


Fig. 3-2

 The adjustments should be done with this Standard Picture, unless otherwise specified.

4. Adjustment Procedure

 Refer to the Location of the Test Points and Adjusting Controls on the page 8.

■ AW-E300S

1. Internal Frequency Adjustment

Test Point: TP2 (INT 8FSC) Digital/Encoder Board Adjust: R283 (INT 8FSC) Digital/Encoder Board

- Connect the Frequency Counter to TP2.
- Adjust R283 so that Internal Frequency becomes 28.63636 MHz ± 10 Hz.

2. Reset Gate Voltage Adjustment

Test Po	oint: E102 (B-RG)	Drive Board
	E202 (G-RG)	Drive Board
	E302 (R-RG)	Drive Board
Adjust:	R102 (B-RG)	Drive Board
	R202 (G-RG)	Drive Board
	R302 (R-RG)	Drive Board

- Coufirm the Rank letter on the Drive Board and reset gate voltage indicated inTable 4-1.
- Connect the Digital Voltmeter to E102.
- Adjust R102 so that the bottom level of the Bch Reset Gate Voltage becomes indicated voltage ± 0.03 V on the Drive Board as shown in Table 4-1.
- Change the connection of the Digital Voltmeter to E202.
- Adjust R202 so that the bottom level of the Gch Reset Gate Voltage becomes indicated voltage ± 0.03 V on the Drive Board as shown in Table 4-1.
- Change the connection of the Digital Voltmeter to E302.
- Adjust R302 so that the bottom level of the Rch Reset Gate Voltage becomes indicated voltage ± 0.03 V on the Drive Board as shown in Fig. 4-1 and Table 4-1.

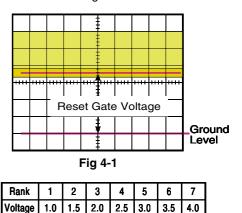


Table 4-1

3. VSUB Voltage Adjustment

Test Point:	E101 (B-SUB)	Drive Board
	E201 (G-SUB)	Drive Board
	E301 (R-SUB)	Drive Board
Adjust:	R101 (B-SUB)	Drive Board
	R201 (G-SUB)	Drive Board
	R301 (R-SUB)	Drive Board

- Confira the Rank letter on the Sensor Board and Vsub voltage indicated in Table 4-2.
- Open the Lens Iris fully.
- Connect the Digital Voltmeter to E101.
- Adjust R101 so that the Bch VsuB Voltage becomes indicated voltage ± 0.03 V on the Drive Board as shown in Table 4-2.

- Change the connection of the Digital Voltmeter to E201.
- Adjust R201 so that the Gch VsuB Voltage becomes indicated voltage ± 0.03 V on the Drive Board as shown in Table 4-2
- Change the connection of the Digital Voltmeter to E301.
- Adjust R301 so that the Rch VsuB Voltage becomes indicated voltage ± 0.03 V on the Drive Board as shown in Table 4-2.

Rank	Е	f	G	h	J	K	L	m	N	Р
Voltage	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5
Rank	Q	R	S	Т	U	٧	W	X	Υ	Z
Voltage	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5

Table 4-2

4. Input Gain Adjustment

Test Point:	E203 (G-OUT)	Preamp. Board
	E103 (R-OUT)	Preamp. Board
	E303 (B-OUT)	Preamp. Board
Adjust:	R220 (G-DC)	Preamp. Board
	R306 (R-GAIN)	Preamp. Board
	R320 (R-DC)	Preamp. Board
	R106 (B-GAIN)	Preamp. Board
	R120 (B-DC)	Preamp. Board

- Connect the Oscilloscope to E203.
- Adjust the Lens Focus to obtain correct focal point.
- Set the Lens Iris so that the peak level of the Gray Scale from the Blanking level becomes 300 mVp-p as shown in Fig. 4-2.

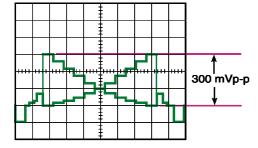
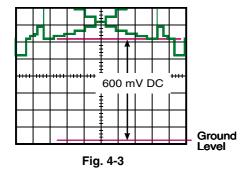


Fig. 4-2

- Set the Oscilloscope to the DC mode.
- Adjust R220 so that the Gch DC Voltage at E203 becomes 600 mV DC as shown in Fig 4-3.



 Change the connection of the Oscilloscope to E103 and set to AC mode.

- Adjust R306 so that the Rch peak level of the Gray Scale from the Blanking level becomes 300 mVp-p as shown in Fig. 4-2.
- Set the Oscilloscope to the DC mode.
- Adjust R320 so that the Rch DC Voltage at E103 becomes 600 mV DC as shown in Fig 4-3.
- Change the connection of the Oscilloscope to E303 and set to AC mode.
- Adjust R106 so that the Bch peak level of the Gray Scale from the Blanking level becomes 300 mVp-p as shown in Fig. 4-2.
- Set the Oscilloscope to the DC mode.
- Adjust R120 so that the DC Voltage at E303 becomes 600 mV DC as shown in Fig 4-3.

5. Automatic Adjustment

Test Point: E203 (G-OUT) Preamp. Board

- Set the Lens Iris to the Automatic position.
- Turn the power ON while pressing the ITEM/AWC Switch, YES/ABC Switch and No/BAR Switch on the Rear Panel of the AW-E300S simultaneously.
- The Automatic Adjustment Menu is displayed. Set the Lens Iris to the Manual position.
- Connect the Oscilloscope to E203 on the Preamp. Board.
- Set the Lens Iris so that the peak level of the Gray Scale from the Blanking level becomes 300 mVp-p as shown in Fig. 4-2.
- · Press the YES/ABC Switch.
- Move to the Automatic Adjustment Item by the Item/AWC Switch.
- Set the Lens Iris to the Automatic position.
- Press the YES/ABC Switch, and confirm that the Automatic Adjustment is completed and "OK" is displayed.
- Turn the power OFF and ON again so that the Camera return to the Normal mode.

6. Blemish Concealment and Correction

Test Point: Video Output Connector Rear Panel
Adjust: PAGE Button Remote Control Box
ITEM Button Remote Control Box
UP Button Remote Control Box
DOWN Button Remote Control Box

• Set the Color Bar Switch of the Remote Control Box to the Camera position.

- Turn the power ON while pressing the ITEM/AWC Switch, YES/ABC
 Switch and NO/BAR Switch on the Rear Panel of the AW-E300simultaneualy.
- The Menu will be displayed as shown in Fig. 4-4 after execute the Scratch Compensation Mode.

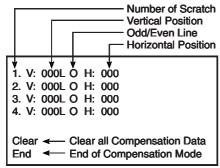


Fig. 4-4

 Move the Character Blink the number of Scratch to be compensated Number, and set the Color Bar Switch to the Bar position. The Scratch Compensation Cursors will be displayed on the Monitor as shown in Fig. 4-5.

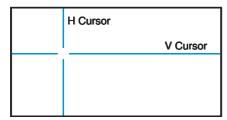


Fig. 4-5

Note: The Cursors are not displayed when the vertical and horizontal coordinate is (0,0), because it is out of effective picture field.

- Move the cursor position by the PAGE, ITEM, UP and DOWN Buttons of the Remote Control Box.
- The scratch is eliminated when the cursors crossing point coincide with intersection and scratch position.
- Set the Color Bar Switch of the Remote Control Box to the Camera position.
- For next scratch, move the Character Blink to the number of scratch to be compensated, and set the Color Bar Switch to the Bar position.
- Repeat above procedures.
- It can compensate up to four Scratches.
- After completion of compensation, move the character blink to "End" position and press the UP Button.

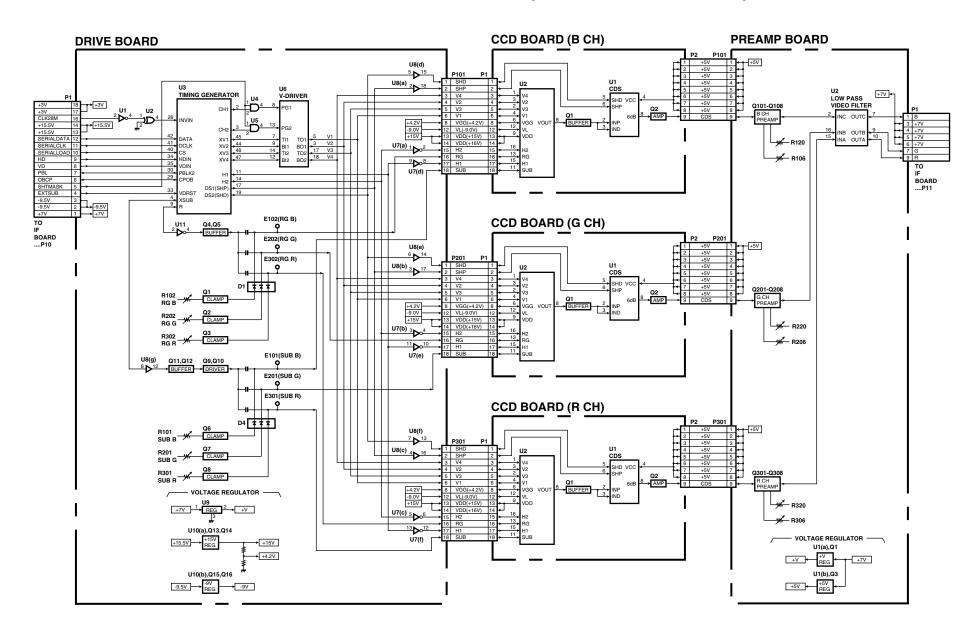
SECTION 3

BLOCK DIAGRAM

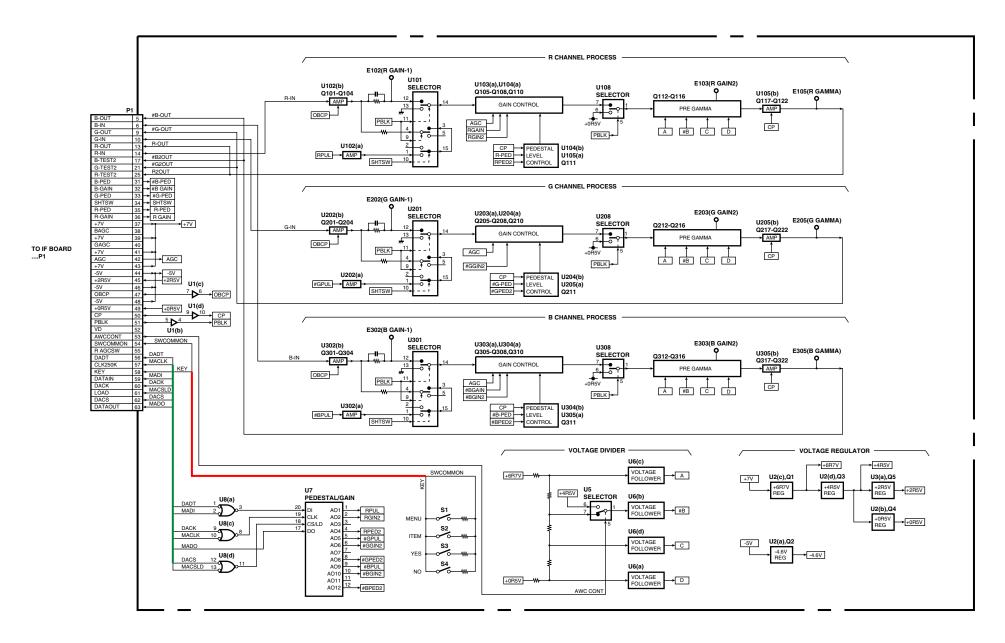
CONTENTS

DRIVE, CCD & PREAMP BLOCK DIAGRAM	BLK-1
PREPROCESS BLOCK DIAGRAM	BLK-2
DSP / ENC BLOCK DIAGRAM	BLK-3
POWER & POWER SUB BLOCK DIAGRAM	BLK-4

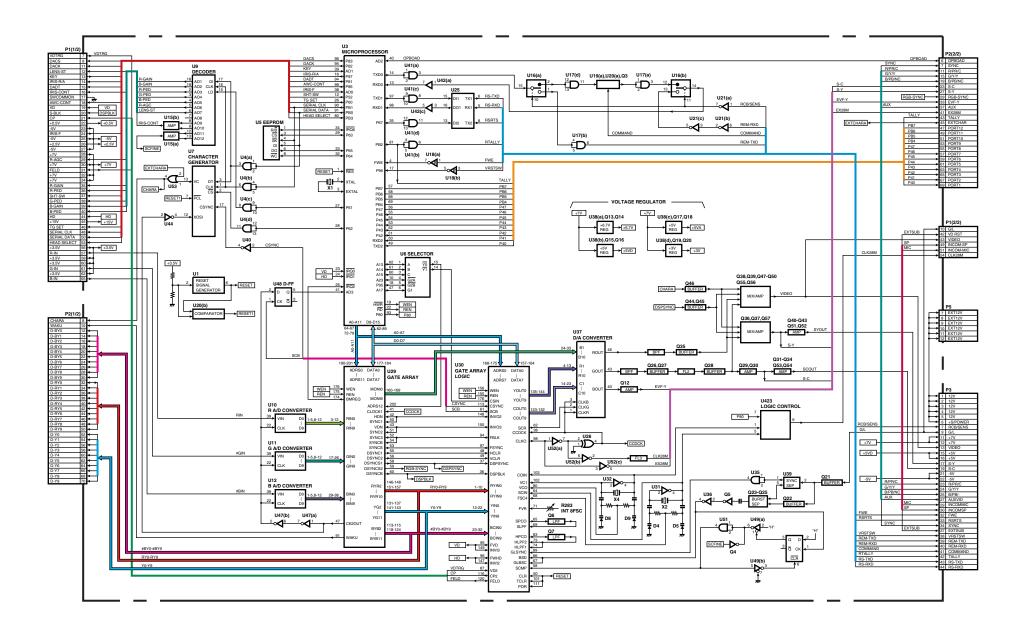
DRIVE, CCD & PREAMP BLOCK DIAGRAM (Camera Head Unit)



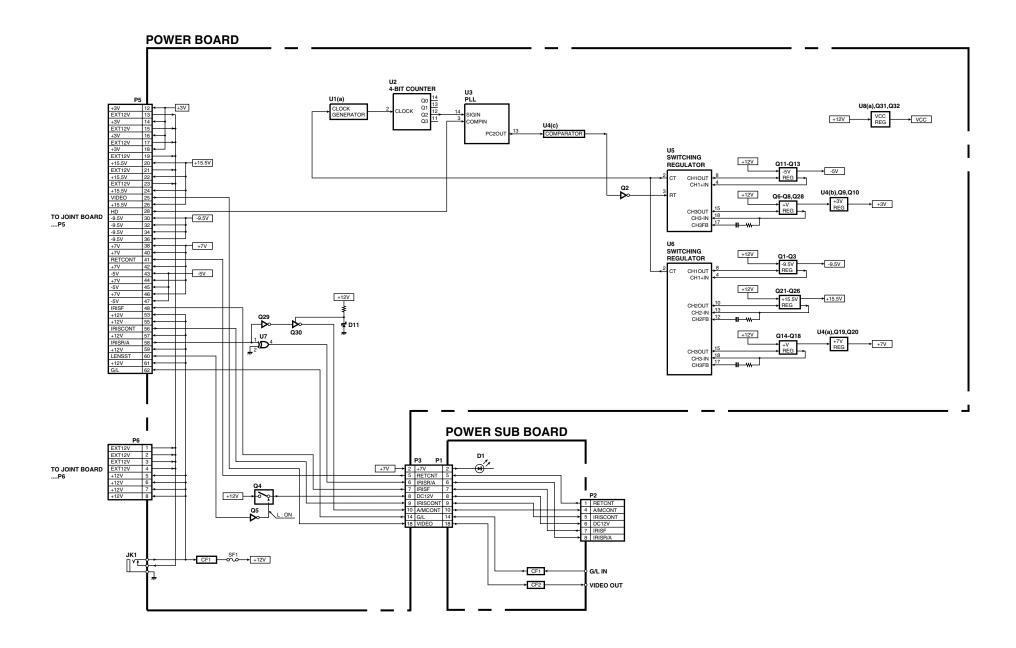
PREPROCESS BLOCK DIAGRAM



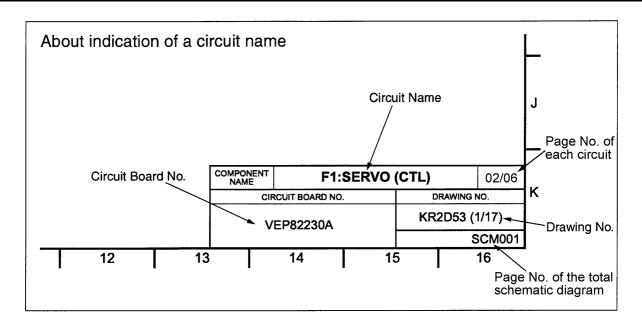
DSP / ENC BLOCK DIAGRAM



POWER & POWER SUB BLOCK DIAGRAM



SCHEMATIC DIAGRAMS



NOTE:

BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION6

CAUTION

THE[____]MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

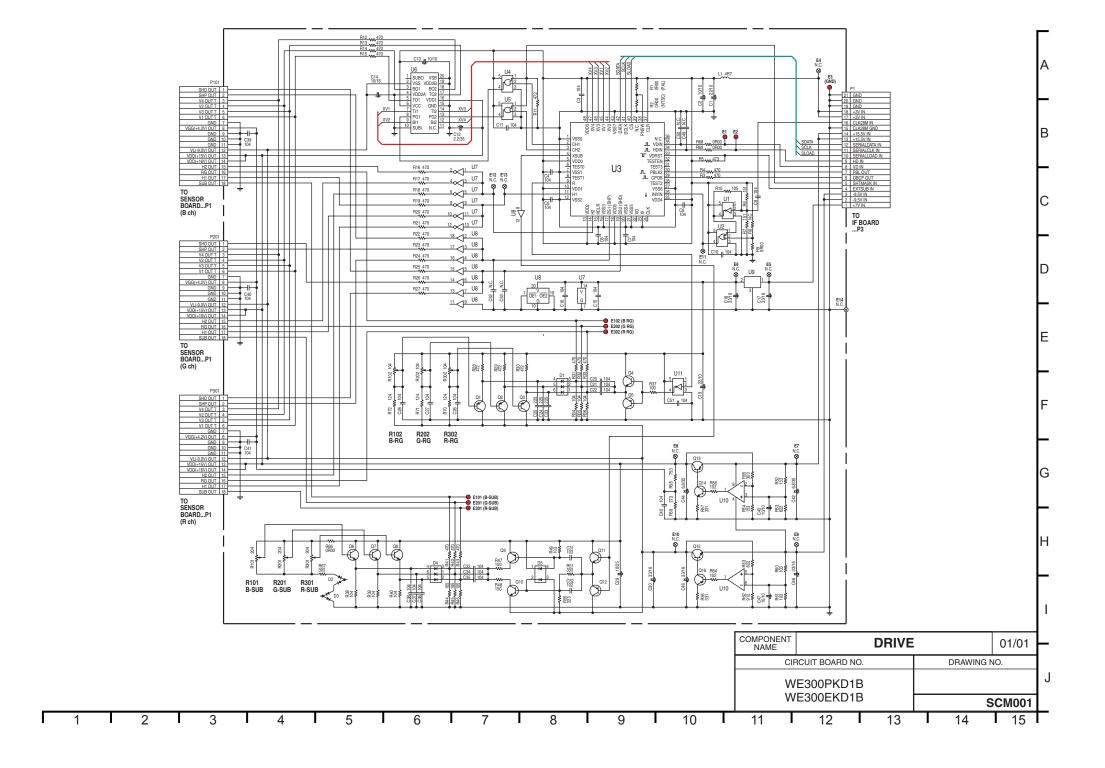
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

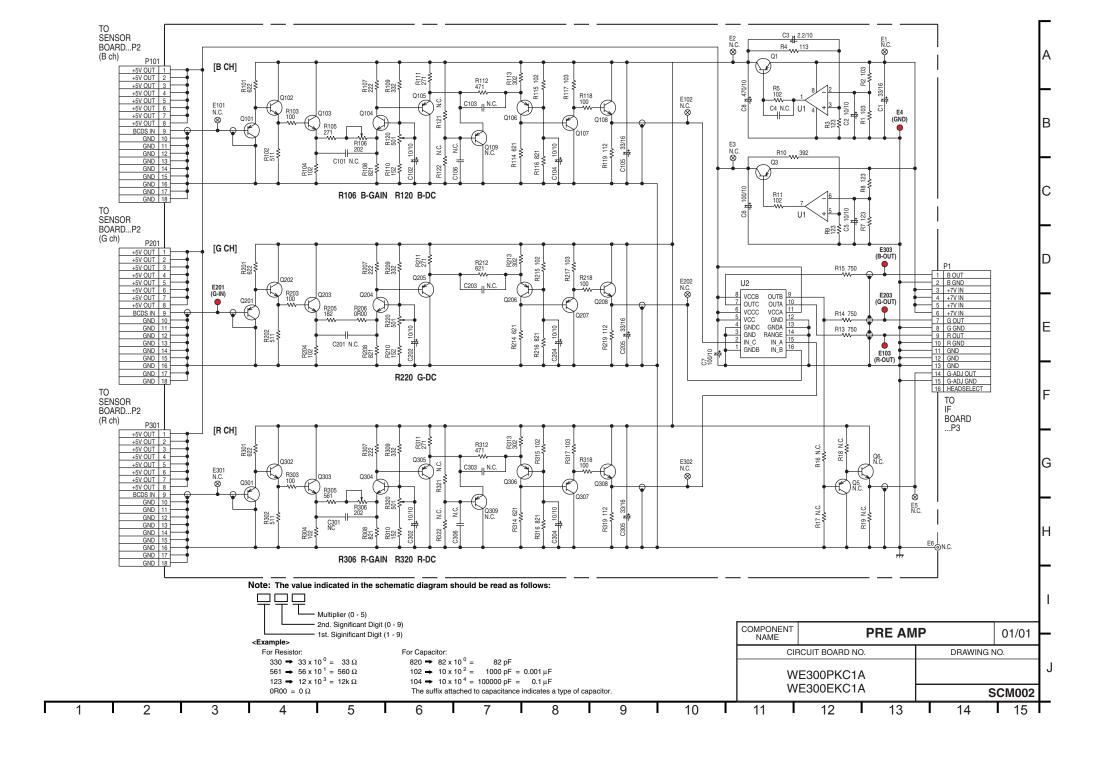
IMPORTANT SAFETY NOTICE:

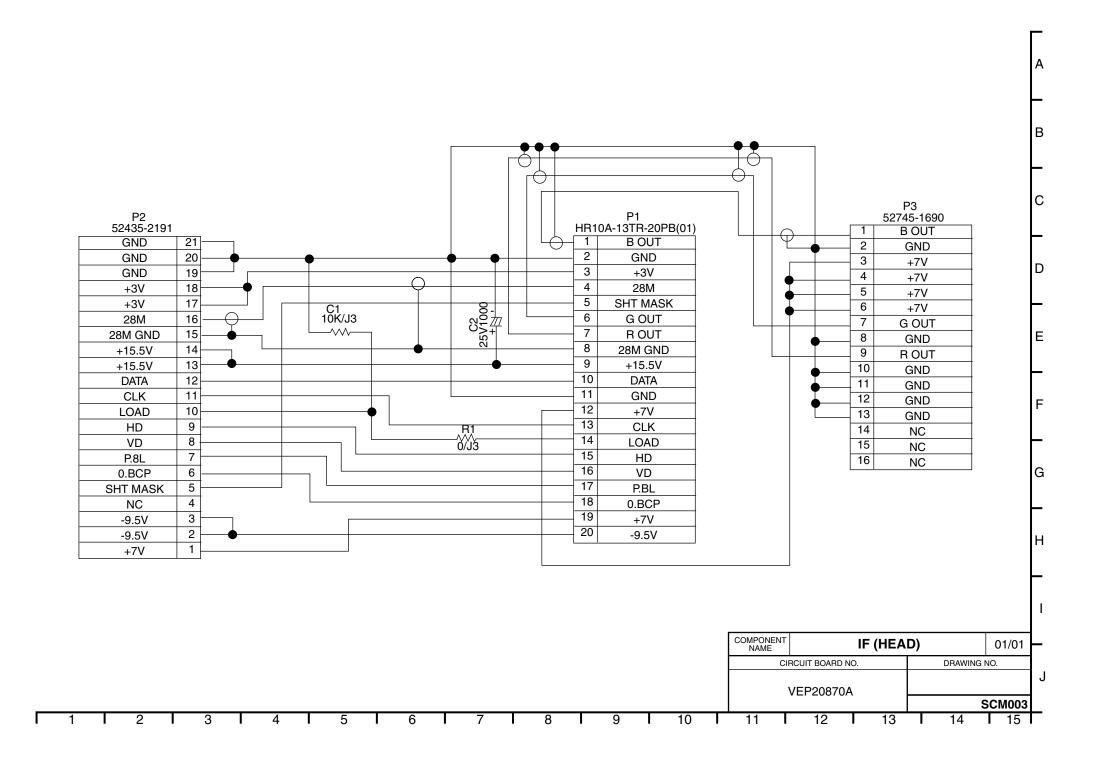
COMPONENTS IDENTIFIED WITH THE MARK Δ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

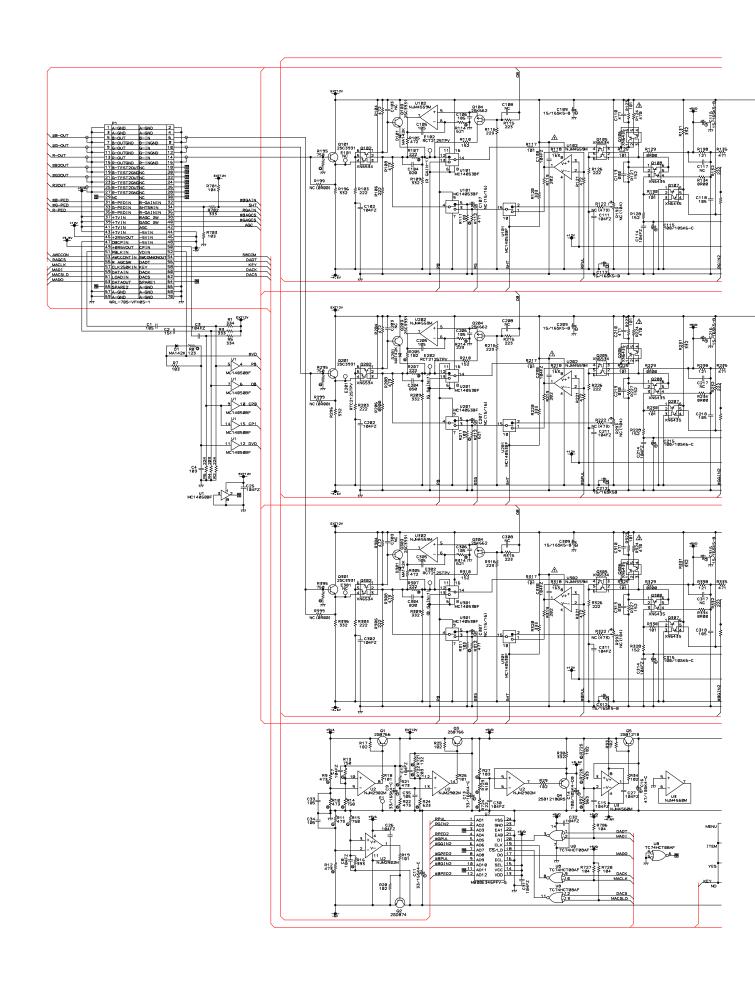
CONTENTS

DRIVE	SCM1
PREAMP	
PREAMP	SCM2
IF (HEAD)	
IF (HEAD)	SCM3
PRE PROCESS	
PREPROCESS	SCM4
JOINT	
JOINT	SCM5
POWER & POWER SUB	
POWER & POWER SUB	SCM6
DSP / ENC	
DSP / ENC	SCM7
IF (MAIN)	
IF (MAIN)	SCM8

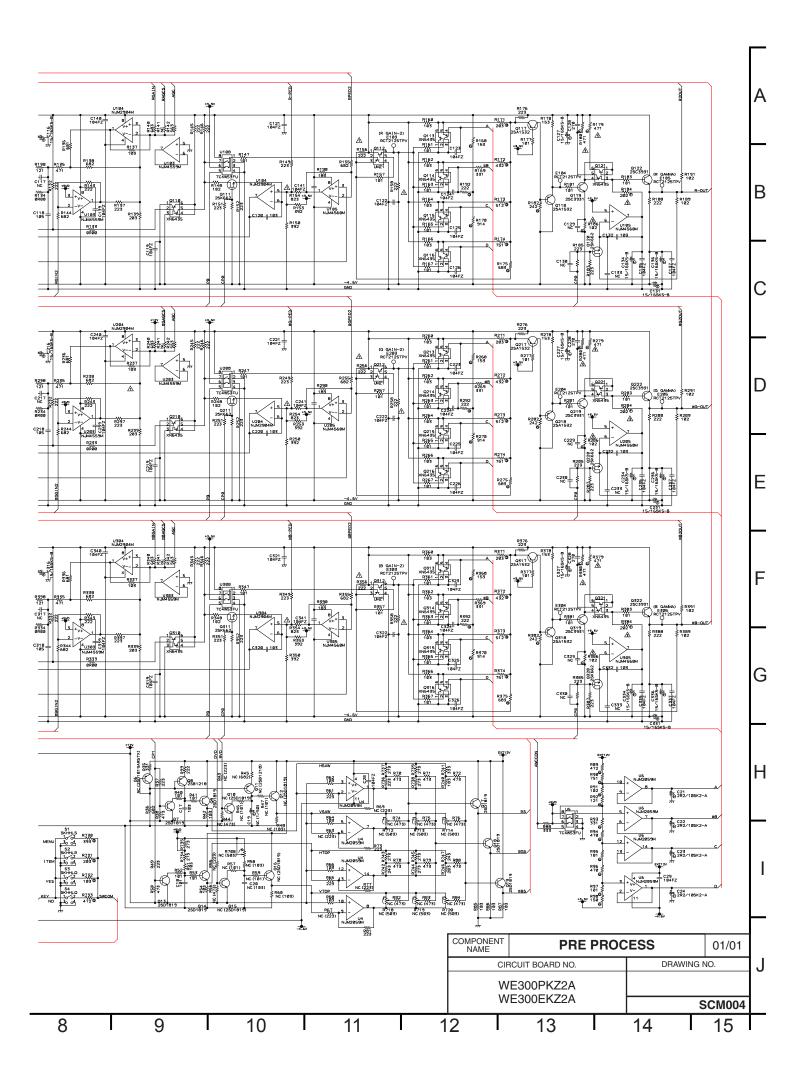


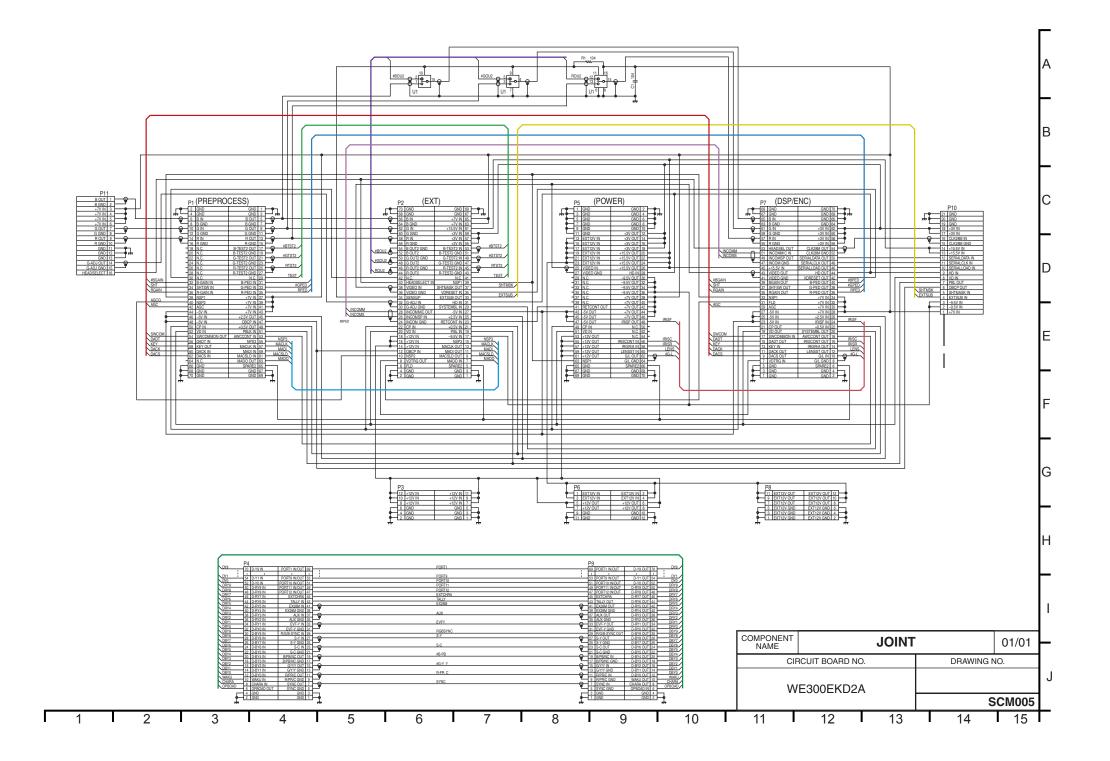


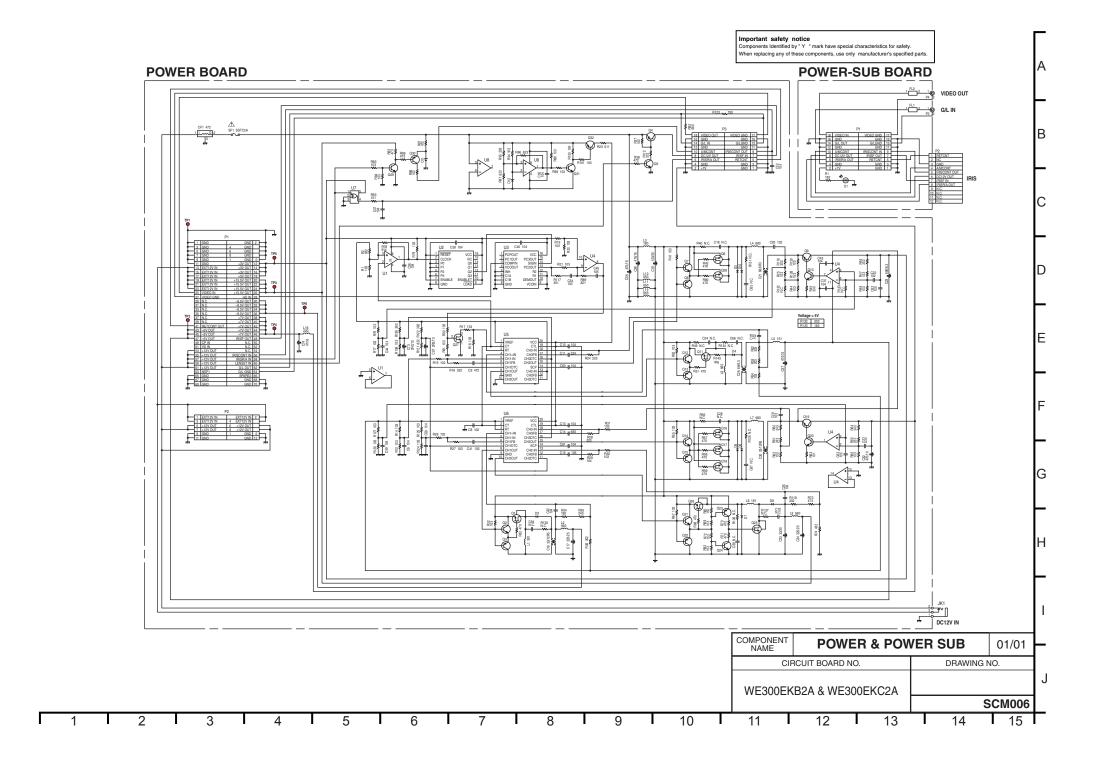


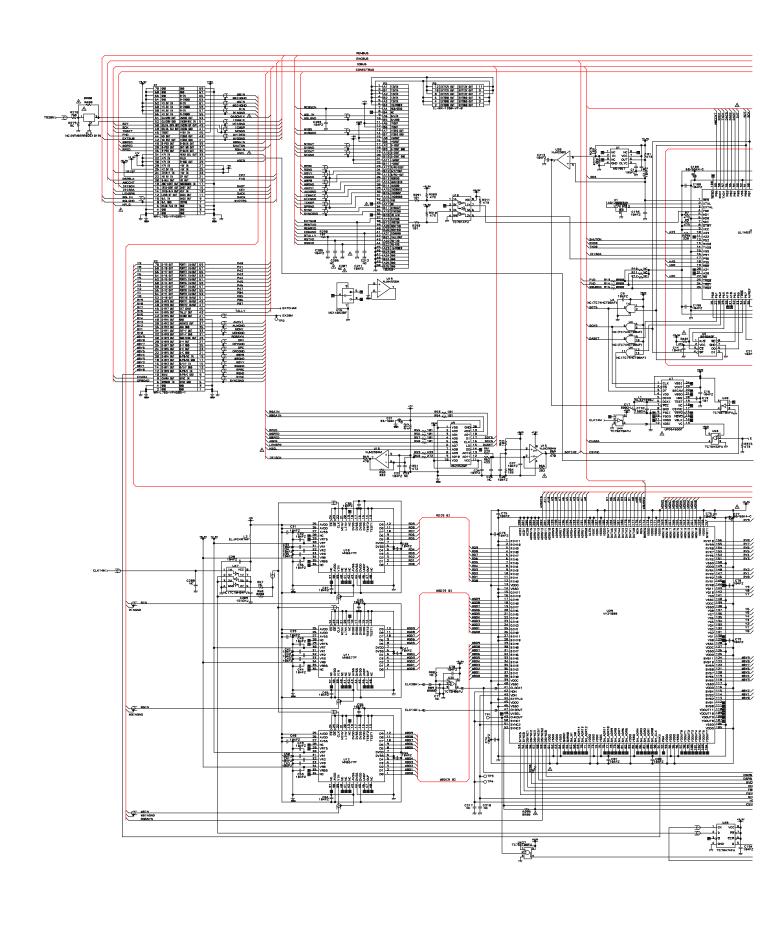


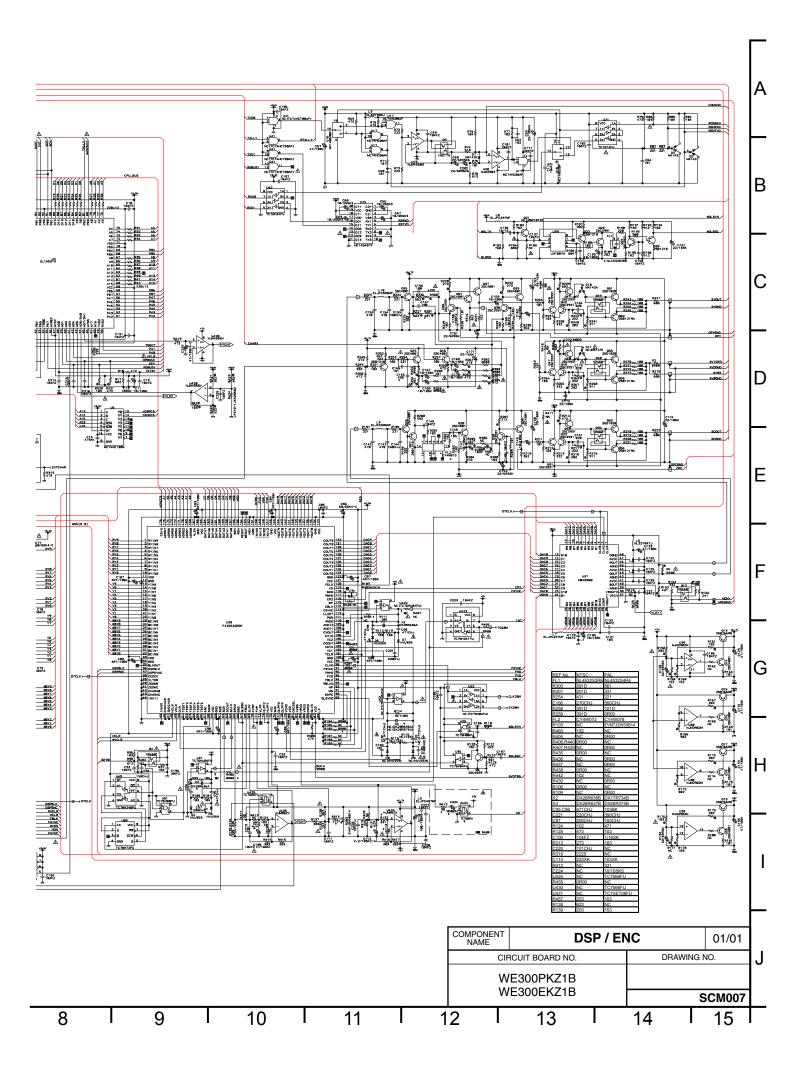
I

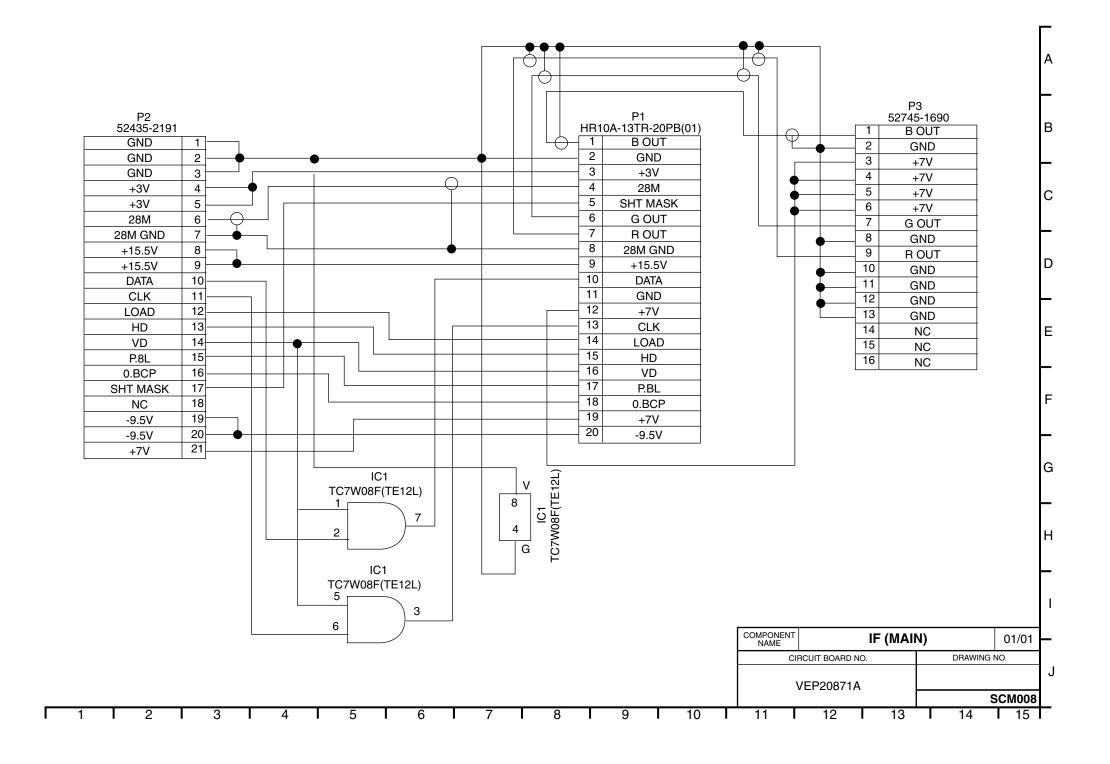












SECTION 5

CIRCUIT BOARD DIAGRAMS

NOTE:

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER SHOWN IN THE PARTS LIST, AND MAY BE SLIGHTLY DIFFRENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

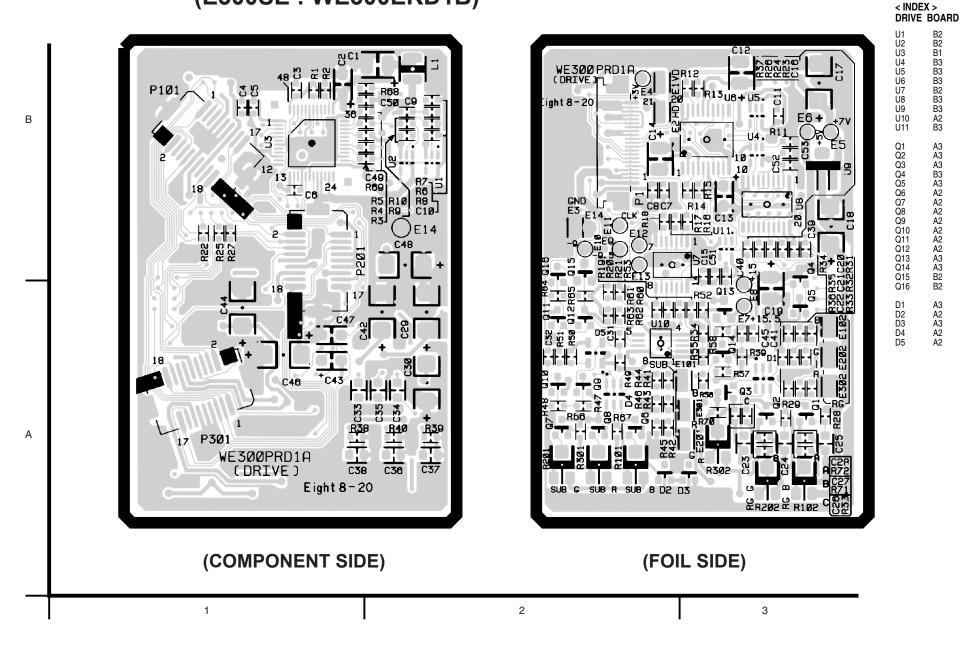
IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK \triangle HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

CONTENTS

DRIVE C.B.A. (E300SP : WE300PKD1B)	CBA-1
PRE AMP C.B.A. (E300SP : WE300PKC1A) (E300SE : WE300EKC1A)	CBA-2
PRE PROCESS C.B.A. (E300SP : WE300PKZ2A) (E300SE : WE300EKZ2A)	. CBA-3
JOINT C.B.A. (WE300EKD2A)	. СВА-4
DSP / ENC C.B.A. (E300SP : WE300PKZ1B) (E300SE : WE300EKZ1B)	. CBA-5
POWER C.B.A. (WE300EKB2A)	CBA-6
POWER SUB C.B.A. (WE300EKC2A)	CBA-6

DRIVE C.B.A (E300SP: WE300PKD1B) (E300SE: WE300EKD1B)

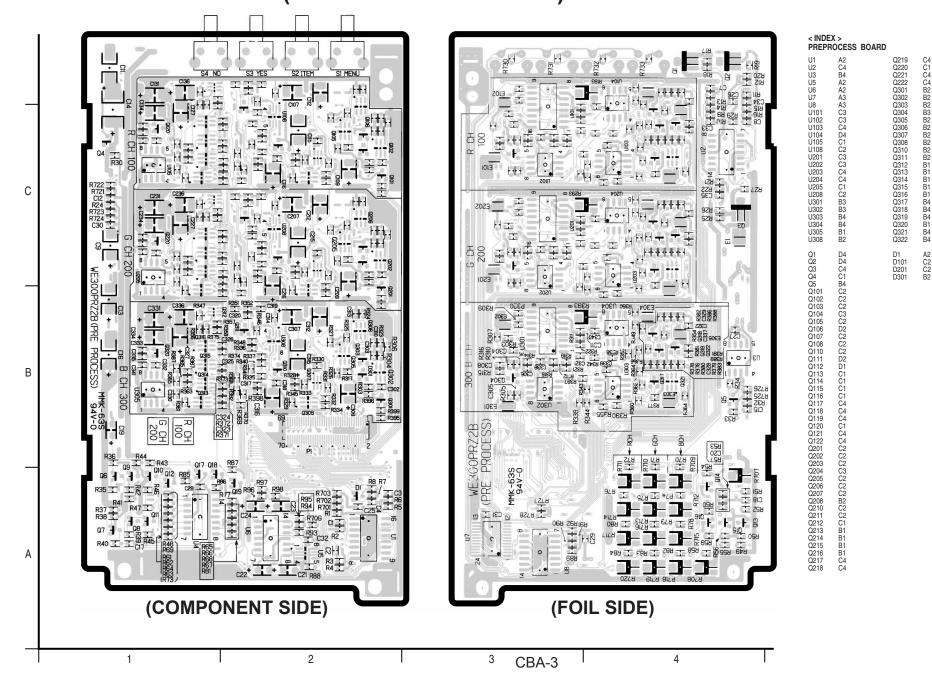


B2 B2 B1 B3 B3 B3 B2 B3 B3 B3 B3

A3 A3 B3 A2 A2 A2 A2 A2 A2 A3 B2

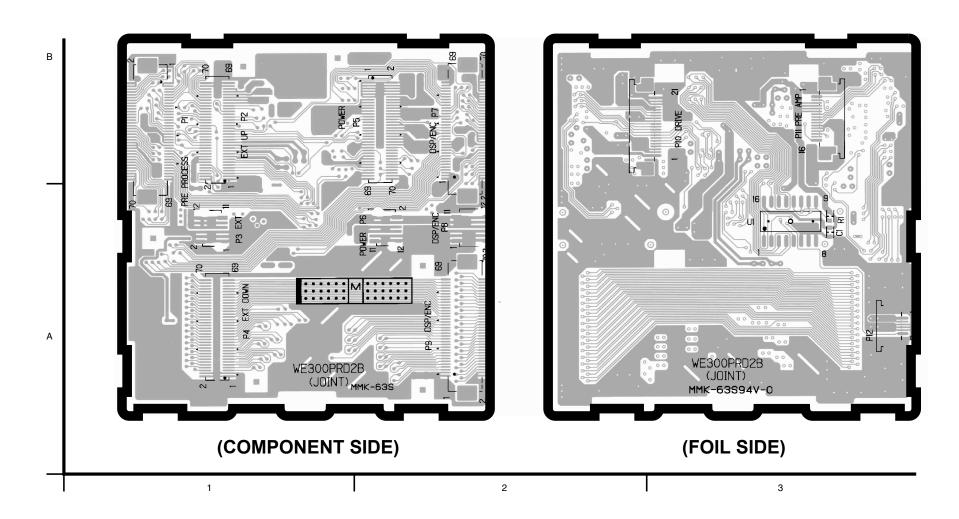
PRE AMP C.B.A (E300SP: WE300PKC1A) (E300SE: WE300EKC1A) < INDEX > PREAMP. I U1 U2 A3 B3 R14 R13 RI5 В I R18 Α WE3ØØPRC1A (PRE-AMP) (COMPONENT SIDE) (FOIL SIDE) 3

PRE PROCESS C.B.A (E300SP : WE300PKZ2A) (E300SE : WE300EKZ2A)

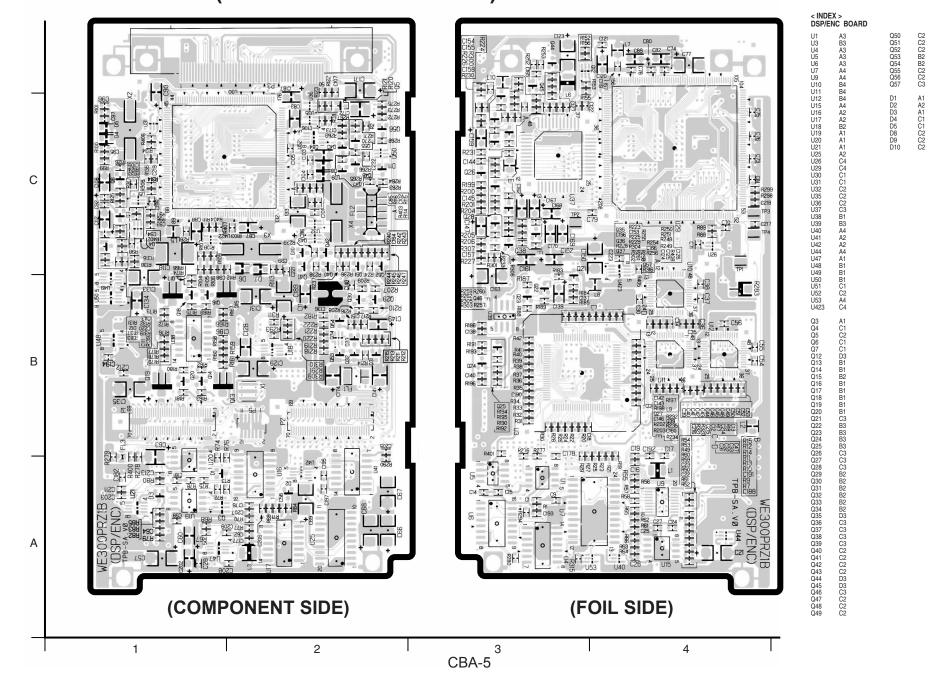


JOINT C.B.A (WE300EKD2A)

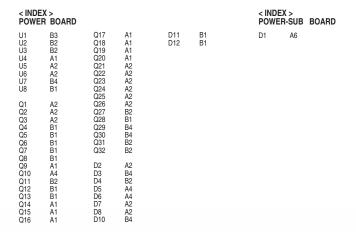


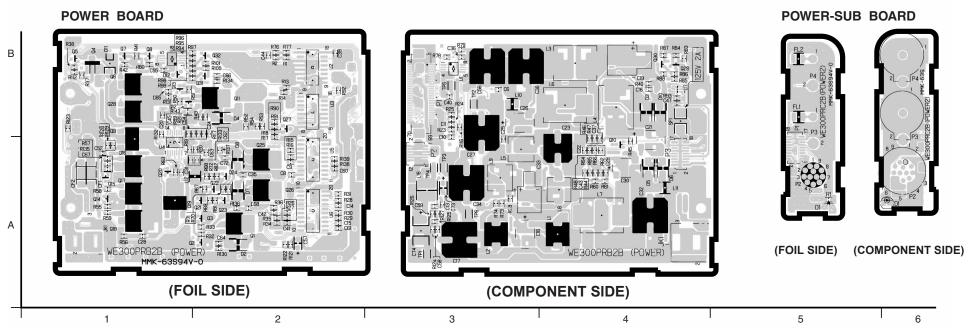


DSP / ENC C.B.A (E300SP : WE300PKZ1B) (E300SE : WE300EKZ1B)



POWER C.B.A (WE300EKB2A) POWER SUB C.B.A (WE300EKC2A)





SECTION 6

EXPLODED VIEWS & REPLACEMENT PARTS LIST

Note:

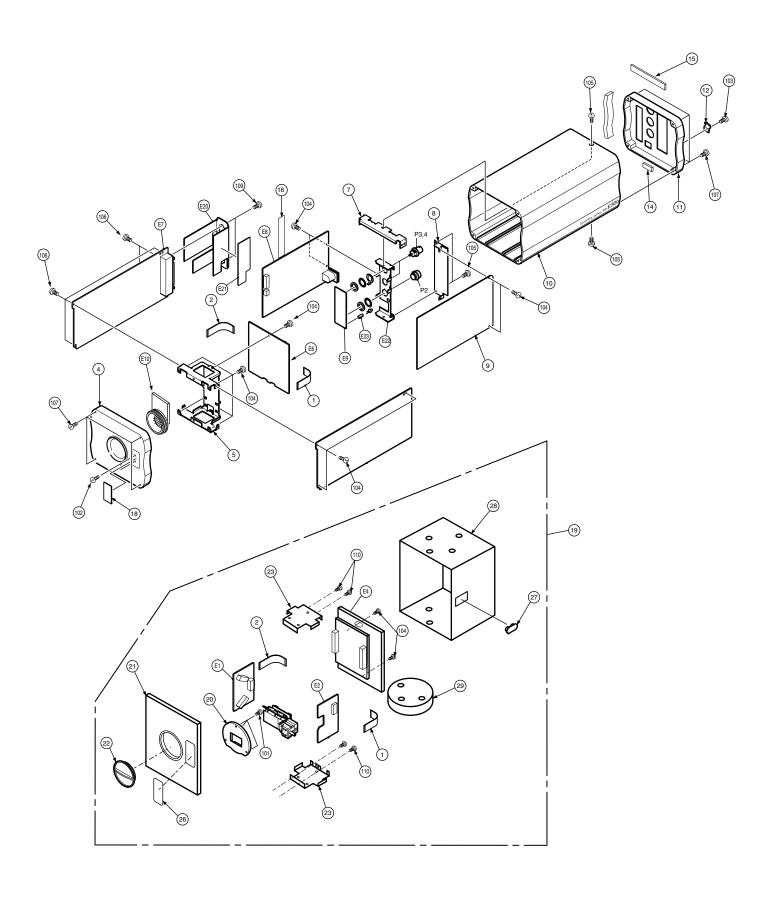
- 1. *Be sure to make your orders of replacement parts according to this list.
- 2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μ F), P= $\mu\mu$ F.
- 3. The P.C. Board untils marked with "■" shown below the main assembled parts.
- 4. The parts marked with ©on the exploded view show the electric parts.
- IMPORTANT SAFETY NOTICE
 Components identified with the mark
 Δ have the special characteristics for safety. When replacing any of these components, use only the same type.
- 6. The marking (RTL) indicates the retention time is limited for this item.

 After the diacontinuation of this assembly in production, it will no longer be available.

CONTENTS

CASING PARTS ASSEMBLY	.PRT-1
PACKING PARTS ASSEMBLY	.PRT-3
ELECTRICAL REPLACEMENT PARTS LIST (E300SP)	.PRT-4
ELECTRICAL REPLACEMENT PARTS LIST (E300SE)	PRT-14

CASING ASSEMBLY

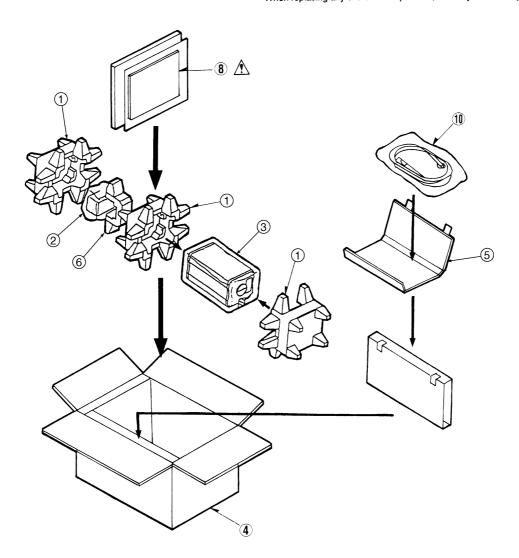


CASING ASSEMBLY

		SSLIVIDLI				,	T	_	
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Rei
1	VWJ16E5070L0	FLEXIBLE CABLE	_1						
2	VWJ21E5070L0	FLEXIBLE CABLE	1						1
3	V5GA0148A4	CAP	1						
4	VGK2706	FRONT ESCUTCHEON	1					1	
5	1B1B008B	P.C.BOARD FRAME	1						
6	5G1A062A	SHEET	1					1	
7	1B1B009A	P.C.BOARD GUIDE ANGLE	1						
8	1A1A234A	BLANK PANEL	1					1	
9	1C1A073A	SHIELD PLATE	1						
10	VKM5576	CASE	1						
11	4C1A004C	REAR PANEL	1						
12	V2GA0065A4	CORD CLAMP	1						
14	1C1A112A	GASKET A	1						
15	1C1A113A	GASKET B	1						
16	5G1A102A	TR HEAT SINK SHEET	1						
17	1C1A130A	GASKET	4						
18	VGP5514	FB BLIND SHEET	1					1	
19	VEQ2459	CAMERA HEAD ASS'Y	1	FOR AW-E300SP				T	
19	VEQ2460	CAMERA HEAD ASS'Y	_	FOR AW-E300SE				1	
20	0E1A024A	IR FILTER ASS'Y	1					1	—
21	VGP5505	FRONT ESCUTTCHEON	1						
22	V5GA0148A4	MOUNT CAP	1		-			1	
					-			1	
23	VMA0J30	SIDE ANGLE	2		1			-	-
24	VWJ16E5070L0	FLEXIBLE CABLE	1					-	
25	VWJ21E5070L0	FLEXIBLE CABLE	1					-	
26	VGP5513	SHEET	1					1	
27	VGP5514	F.B CAP	1						
28	VKM5577	COVER	1						
29	VMS6951	TRIPOD MOUNT BASE	1						
101	XQN2+A3FZK	SCREW	3						
102	XSB26+6FN	SCREW	1					T	
103	XSB2+4FZK	SCREW	1					T	
104	XSB26+4FN	SCREW	17						
105	XSN26+6FN	SCREW	4					1	<u> </u>
106	XSB26+8FN	SCREW	2						
					-			1	-
107	XSN26+8FN	SCREW	8		1			-	
108	XSB26+4FN	SCREW	2		1			-	-
109	XWA25BFN	WASHER	2					-	-
								-	-
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PACKING PARTS ASSEMBLY

Components identified with the mark \triangle have the special characteristics for safety. When replacing any of these components, use only the same type.



PACKING PARTS ASSEMBLY

D.(N)	I	Deat Name & December on	1	Demode	_	D.(N)	Define Design	Defile Deathle Deathless & Boundaries	Britis Britis Britis Britis Britis
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks		Ref.No.	Ref.No. Part No.	Ref.No. Part No. Part Name & Description	Ref.No. Part No. Part Name & Description Pcs
1	6D1A047A	CUSHION	3						
2		POLYETHYLENE BAG	1						
		POLYETHYLENE BAG	1						
		PACKING CASE	1		1				
		CUSHION	1						
6	VPN5557	CUSHION	1						
7	VPN5558	PAD	1	FOR AW-E300SP ONLY					
		OPERATING INSTRUCTIONS	1	FOR AW-E300SP					
		OPERATING INSTRUCTIONS	1	FOR AW-E300SE					
10	K1EC20FC0001	I/F CABLE	1						
					4				
					4				
			_		4	-			
			_		4				
					4	1	1		
			-		-				
						1			
			-						
						-			
					1				

ELECTRICAL REPLACEMENT PARTS LIST

	<u> </u>	CAL REPLA	10			LIGI		AW-E300S
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No. YW525881890	Part Name & Description	Pcs Remarks
■ E1	WE300PKD1B	DRIVE P.C.BOARD	1	(RTL)	P0301	YW525881890	CONNECTOR	1
	WESSER NETS	DIAVET IO.BOTALD	Η.	(***2)	Q0001-03	2SB1218AHL	TRANSISTOR	3
■ E2	WE300PKC1A	PRE AMP P.C.BOARD	1	(RTL)	Q0004	2SC4176	TRANSISTOR	1 B1ABDB000014
					Q0005	2SA1610	TRANSISTOR	1
■ E3	WE300PKB1A	SENSOR P.C.BOARD	1	(RTL)	Q0006-08	2SD1819AHL	TRANSISTOR	3
					Q0009	2SB1218AHL	TRANSISTOR	1
■ E4	VEP20870A	IF (HEAD) P.C.BOARD	1	(RTL)	Q0010,11	2SD1819AHL	TRANSISTOR	2
_					Q0012	2SB1218AHL	TRANSISTOR	1
■ E5	WE300PKZ2A	PRE PROCESS P.C.BOARD	1	(RTL)	Q0013	2SB09700HL	TRANSISTOR	1
■ F6	WESONEKDSA	IOINT D.C. BOARD	1	(DTL)	Q0014	2SD1819AHL 2SD13280HL	TRANSISTOR	1
■ E6	WE300EKD2A	JOINT P.C.BOARD	- '	(RTL)	Q0015 Q0016	2SB1218AHL	TRANSISTOR TRANSISTOR	1
■ E7	WE300PKZ1B	DSP/ENC P.C.BOARD	1	(RTL)	40010	ZOD IZ IOA IE	TOTOLOTOR	
	7720001 112.12	DOLYELLO T. O.BOYALD	+ '	(***2)	R0002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1
■ E8	WE300EKB2A	POWER P.C.BOARD	1	(RTL)	R0003,04	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2
				,	R0005	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1
■ E9	WE300EKC2A	POWER SUB P.C.BOARD	1	(RTL)	R0006,07	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2
					R0008	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1
E10	VEP20871A	IF (MAIN) P.C.BOARD	1	(RTL)	R0010	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1
			\perp		R0011	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1
					R0012-27	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	16
			-		R0028-30	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3
			1		R0031-33	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3
			-		R0034-36	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3
			+		R0037	ERJ3GEYJ100 ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1 3
			+		R0038-40 R0041-43	ERJ3GEYJ104 ERJ3GEYJ470	M.RESISTOR CH 1/16W 100K	3
			+		R0041-43 R0044-46	ERJ3GEYJ470 ERJ3GEYJ105	M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 1M	3
					R0047.48	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	2
					R0049	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1
					R0050	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1
					R0051	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1
					R0052	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1
					R0053	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1
E1	WE300PKD1B	DRIVE P.C.BOARD	1	(RTL)	R0054	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1
					R0055	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1
					R0056	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1
C0001	F3H1A2260003	T.CAPACITOR CH 10V 22U	1		R0057	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1
C0002	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		R0058	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1
C0003-11	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	9		R0059	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1
C0012	F3G1V2250001	T.CAPACITOR CH 35V 2.2U	1		R0060,61	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2
C0013	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		R0062	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	1
C0014	F3G1C1060002	T.CAPACITOR CH 16V 10U	1		R0063	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1
C0015,16	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2		R0064	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1
C0017,18 C0019	SK41C336MC F3H1A2260003	T.CAPACITOR CH 16V 33U T.CAPACITOR CH 10V 22U	1		R0065 R0066	ERJ3GEYJ331 ERJ3GEY0R00	M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 0	1
C0019 C0020-22	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3		R0067	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1
C0023-25	F1J1A2250003	C.CAPACITOR CH 10V 2.2U	3		R0068,69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2
C0025-25 C0026-28	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3		R0070-72	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	3
C0029	F3H1E1060005	T.CAPACITOR CH 25V 10U	1		R0101	EVM7JGA00B25	V.RESISTOR 200K	1
C0030	SK41C336MC	T.CAPACITOR CH 16V 33U	1		R0102	EVM7JGA00B15	V.RESISTOR 100K	1
C0031	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1		R0201	EVM7JGA00B25	V.RESISTOR 200K	1
C0032	F1H1H102A190	C.CAPACITOR CH 50V 1000P	1		R0202	EVM7JGA00B15	V.RESISTOR 100K	1
C0033-38	F1J1H104A428	C.CAPACITOR CH 50V 0.1U	6		R0301	EVM7JGA00B25	V.RESISTOR 200K	1
C0039-41	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3		R0302	EVM7JGA00B15	V.RESISTOR 100K	1
C0042	F3H1V6850002	T.CAPACITOR CH 35V 6.8U	1					
C0043	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		U0001	YWTC7SH04F	IC	1
C0044	F3H1V6850002	T.CAPACITOR CH 35V 6.8U	1		U0002	C0JBAE000004	IC	1
C0045	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		U0003	CXD2454AR	IC	1
C0046	SK41C336MC	T.CAPACITOR CH 16V 33U	1		U0004,05	TC7SH32F	IC	2
C0047	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		U0006	C1AB00000340	IC	1
C0048 C0051	SK41C336MC F1H1E104A016	T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U	1		∆ U0007 U0008	MC74ACT04DT MC74ACT541DT	IC IC	1
JUUJ I	IU4AU IO	O.OAFACITOR OF 20V U.TU	+'		U0008	YW78L05UA	IC	1
D0001	MA121	DIODE	1		U0010	NJM2904D	IC	1
D0001,03	MA3J14300L	DIODE	2		U0011	C0JBAB000005	IC	1
D0002,03	MA121	DIODE	1		1 23011			
D0005	MA159	DIODE	1		1		MISCELLANEOUS	
			+ '		1			
L0001	YWNL324R7J	COIL 4.7UH	1		11	BP120J1	LEAD	1
			Ť		11			
P0001	K1MM21B00003	CONNECTOR	1		11			
P0101	YW525881890	CONNECTOR	1		1			
	YW525881890	CONNECTOR	1		1			
P0201						1		

								<u> AW-E300SI</u>
Ref.No.	Part No.	Part Name & Description Pr	s Remarks	Ref.No.	Part No.	Part Name & Description	Pc	s Remarks
				R0208	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820		
■ E2	WE300PKC1A	PRE AMP P.C.BOARD	1 (RTL)	R0209	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K		
				R0210	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K		
00004	01/14/0000140	T OADAGITOD GUAGU GOU		R0211	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270		
C0001 C0002	SK41C336MC F3F1A1060001	T.CAPACITOR CH 16V 33U T.CAPACITOR CH 10V 10U	1	R0212 R0213	ERJ3RBD621 ERJ3GEYJ302	M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 3K		
C0002	F3F1A225A003	T.CAPACITOR CH 10V 2.2U	1	R0213	ERJ3RBD621	M.RESISTOR CH 1/16W 620		
C0005	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0215	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		
C0006,07	F3H1A1070001		2	R0216	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820		
C0008	F2H1A4710001	E.CAPACITOR 10V 470U	1	R0217	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K		
C0102	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0218	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10		
C0104	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0219	ERJ3GEYJ112	M.RESISTOR CH 1/16W 1.1K		
C0105	SK41C336MC	T.CAPACITOR CH 16V 33U	1	R0220	EVM7JGA00B52	V.RESISTOR 500		
C0202	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0301	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K		
C0204	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0302	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	1	
C0205	SK41C336MC F3F1A1060001		1	R0303	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 1K		
C0302 C0304	F3F1A1060001		1	R0304 R0305	ERJ3GEYG102 ERJ3GEYJ681	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 680		
C0305	SK41C336MC	T.CAPACITOR CH 16V 33U	1	R0306	EVM7JGA00B23	V.RESISTOR 2K		
	Citirocomo			R0307	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K		
P0001	K1MM16B00003	CONNECTOR	1	R0308	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820		
P0101	YW525881890	CONNECTOR	1	R0309	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K		
P0201	YW525881890	CONNECTOR	1	R0310	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K		
P0301	YW525881890	CONNECTOR	1	R0311	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270		
				R0312	ERJ3RBD471	M.RESISTOR CH 1/16W 470		
Q0001	2SB0766AHL	TRANSISTOR	1	R0313	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K		
Q0003	2SB0766AHL	TRANSISTOR	1	R0314	ERJ3RBD621	M.RESISTOR CH 1/16W 620		
Q0101	2SA15320CL	TRANSISTOR	1	R0315	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		
Q0102-04	2SC39310YL		3	R0316	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820		
Q0105-07	2SA15320CL	TRANSISTOR	3	R0317	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K		
Q0108	2SC39310YL	TRANSISTOR	1	R0318	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10		
Q0201	2SA15320CL	TRANSISTOR	1	R0319	ERJ3GEYJ112	M.RESISTOR CH 1/16W 1.1K		
Q0202-04	2SC39310YL		3	R0320	EVM7JGA00B52	V.RESISTOR 500		
Q0205-07 Q0208	2SA15320CL 2SC39310YL	TRANSISTOR TRANSISTOR	1	U0001	NJM2904D	IC		
Q0301	2SA15320CL	TRANSISTOR	1	U0002	ML6420-7	IC		
Q0302-04	2SC39310YL	TRANSISTOR	3	00002	WIE0420-7			
Q0305-07	2SA15320CL		3					
Q0308	2SC39310YL		1					
R0001,02	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2					
R0003	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	■ E3	WE300PKB1A	SENSOR P.C.BOARD		(RTL)
R0004	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1					
R0005	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1					
R0007-09	ERJ3RBD123		3	C0001	F3H1E4750002	T.CAPACITOR CH 25V 4.7U		
R0010	ERJ3RBD392		1	C0002	F1H1H222A190	C.CAPACITOR CH 50V 2200F	, ,	
R0011	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	C0003	F3H1C4750001	T.CAPACITOR CH 16V 4.7U		
R0013-15	ERJ3GEYF750	M.RESISTOR CH 1/16W 75 M.RESISTOR CH 1/16W 6.2K	1	C0004	F3H0J4760002	T.CAPACITOR CH6.3V 47U		
R0101	ERJ3GEYJ622		1	C0005 C0006	F3F1A1060001	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 20V 2.2U		
R0102 R0103	ERJ3GEYJ511 ERJ3GEYJ100	M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 10	1	C0006	F3F1D2250002 F3H1A1070001	T.CAPACITOR CH 20V 2.20 T.CAPACITOR CH 10V 100U		
R0103	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	30001	. 5			
R0105	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	L0001,02	G1C150J00002	COIL 15UH		2
R0106	EVM7JGA00B23	V.RESISTOR 2K	1	,02				1
R0107	ERJ3RBD222		1	P0001,02	533091891	CONNECTOR	2	2
R0108	ERJ3GEYJ821		1					
R0109	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	Q0001	2SC39310YL	TRANSISTOR		
R0110	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	Q0002	2SA15320CL	TRANSISTOR		
R0111	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1					
R0112	ERJ3RBD471		1	R0001	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820		
R0113	ERJ3GEYJ302		1	R0002	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330		
R0114	ERJ3RBD621		1	R0003	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		
R0115	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	R0004	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	- '	
R0116	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	R0005	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		
R0117 R0118	ERJ3GEYJ103 ERJ3GEYJ100		1	R0007 R0008	ERJ3GEYJ100 ERJ3GEYJ392	M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 3.9K		
R0118 R0119	ERJ3GEYJ100 ERJ3GEYJ112		1	RUUU8	LKJ3GE 1 J392	IVI.INEGIGTOR OF 1/10W 3.9K	·	
	EVM7JGA00B52	V.RESISTOR CH 1/16W 1.1K	1	U0001	C1AB00000019	IC		
R()12()	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	1	30001	3.7.200000013			
R0120 R0201		M.RESISTOR CH 1/16W 6.2K	1					
R0201	ERJ3GEYJ511		1					1
	ERJ3GEYJ511 ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1					
R0201 R0202			1					
R0201 R0202 R0203	ERJ3GEYJ100	M.RESISTOR CH 1/16W 1K						
R0201 R0202 R0203 R0204	ERJ3GEYJ100 ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1					
R0201 R0202 R0203 R0204 R0205	ERJ3GEYJ100 ERJ3GEYG102 ERJ3RBD182	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1.8K	1					

■ E4 VEP2 C1 ERJ3 C2 EEUI P1 K1AA P2 K1MI P3 K1MI R1 ERJ3 VMAA XSN2 ■ E5 WE3 C0001 F1H1 C0002 F1H1 C0002 F1H1 C0004 F1H1 C0001 SK41 C0011 SK41 C0011 SK41 C0012 F1H1 C0015 F1H1 C0016 F3H1 C0017 F1H1 C0017 F1H1 C0018 F1H1 C0019 F3H1 C01019 F3H1 C01019 F3H1 C01019 F3H1 C01010 F1H1 C01010 F1H1 C01010 F1H1 C01010 F1H1 C01010 F1H1 C01011 F3H1 C01011 F3H1 C01011 F3H1 C01011 F3H1	RJ3GEYJ103 EUFC1E102 IAA120A0002 IMM21B00004 IMM16B00004 RJ3GEY0R00 MA0J29 SN26+4FC E300PKZ2A IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	Part Name & Description IF (HEAD) P.C.BOARD M.RESISTOR CH 1/16W 10K E.CAPACITOR 25V 1000U CONNECTOR (MALE) CONNECTOR M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 CONNECTOR M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	11 11 11 11 11 11 11 11 11 11 11 11 11	Remarks (RTL)	Ref.No. C0220 C0221-26 C0227 C0228 C0231 C0232 C0234 C0235 C0236 C0237-41 C0302 C0304 C0301 C0311 C0311 C0312 C0313 C0313 C0314 C0315 C0316 C0316 C0318	Part No. F1H1H103A190 F1H1E104A016 F3G1C1560001 F1H1H270A231 F3G1C1560001 F1H1H103A190 F3G1C1560001 F1H1H103A190 F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F3H1A105A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3G1C1560001 F3H1A1070006	Part Name & Description C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 470P C.CAPACITOR CH 50V 3P C.CAPACITOR CH 50V 3P C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U T.CAPACITOR CH 16V 15U	Poss 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remarks
C1 ERJ3 C2 EEUI P1 K1AA P2 K1MM P3 K1MM R1 ERJ3 WMAI XSN: ■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007.08 F1H1 C0001 SK41 C0001 F1H1 C0100 F1H1 C0100 F1H1 C0100 F1H1 C0100 F1H1 C0101 F1H1 C0111 F1H1	RJ3GEYJ103 EUFC1E102 IAA120A0002 IMM21B00004 IMM16B00004 RJ3GEY0R00 WA0J29 SN26+4FC E300PKZ2A IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	M.RESISTOR CH 1/16W 10K E.CAPACITOR 25V 1000U CONNECTOR (MALE) CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 26V 0.3U	11 11 11 11 11 11 11 11 11 11 11 11 11		C0221-26 C0227 C0228 C0231 C0232 C0234 C0235 C0236 C0237-41 C0302 C0304 C0305.06 C0309 C0311 C0311 C0312 C0313 C0314 C0315 C0316	F1H1E104A016 F3G1C1560001 F1H1H270A231 F3G1C1560001 F1H1H103A190 F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1E104A016 F1H1E104A016 F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F3G1C1560001 F3G1C1560001 F3G1C1560001 F3G1C1560001 F3G1C1560001 F3G1C1560001	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 27P T.CAPACITOR CH 50V 27P T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 15U 5U C.CAPACITOR CH 16V 15U T.CAPACITOR CH 16V 10U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1 1 1 5 1	
C2 EEUI P1 K1AA P2 K1MI P3 K1MI R1 ERJ3 WMAI XSN: ■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007 R1H1 C0001 F1H1 C001 F1H1 C01 F1H1 C0	EUFC1E102 IAA120A0002 IMM21B00004 IMM16B00004 IMM16B00004 IMM21B00004 IMM21B0004 IMM21B004 IMM21B04 IMM21B	E.CAPACITOR 25V 1000U CONNECTOR (MALE) CONNECTOR CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 55V 0.01U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	11 11 11 11 11 11	(RTL)	C0227 C0228 C0231 C0232 C0234 C0235 C0236 C0237-41 C0302 C0304 C0305,06 C0309 C0310 C0311 C0312 C0312 C0314 C0315 C0316	F3G1C1560001 F1H1H270A231 F3G1C1560001 F1H1H103A190 F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1E104A016 F1H1H2R0A260 F1H1A105A004 F3G1C1560001 F1H1H371A004 F1H1E104A016 F3G1C1560001 F1H1H370A05 F3G1C1560001 F3G1C1560001 F3G1C1560001 F3G1C1560001	T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1 1 1 5 1	
C2 EEUI P1 K1AA P2 K1MI P3 K1MI R1 ERJ3 WMAI XSN: ■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007 R1H1 C0001 F1H1 C001 F1H1 C01 F1H1 C0	EUFC1E102 IAA120A0002 IMM21B00004 IMM16B00004 IMM16B00004 IMM21B00004 IMM21B0004 IMM21B004 IMM21B04 IMM21B	E.CAPACITOR 25V 1000U CONNECTOR (MALE) CONNECTOR CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 55V 0.01U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	11 11 11 11 11 11	(RTL)	C0228 C0231 C0232 C0234 C0235 C0236 C0237-41 C0302 C0304 C0305,06 C0309 C0310 C0311 C0312 C0312 C0314 C0315 C0316	F1H1H270A231 F3G1C1560001 F1H1H103A190 F3G1C1560001 F1HE104A016 F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1H2R0A260 F1H1H2R0A260 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3G1C1560001 F3G1C1560001	C.CAPACITOR CH 50V 27P T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 5 1 1 2	
C2 EEUI P1 K1AA P2 K1MI P3 K1MI R1 ERJ3 WMAI XSN: ■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007 R1H1 C0001 F1H1 C001 F1H1 C01 F1H1 C0	EUFC1E102 IAA120A0002 IMM21B00004 IMM16B00004 IMM16B00004 IMM21B00004 IMM21B0004 IMM21B004 IMM21B04 IMM21B	E.CAPACITOR 25V 1000U CONNECTOR (MALE) CONNECTOR CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 55V 0.01U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	11 11 11 11 11 11	(RTL)	C0231 C0232 C0234 C0235 C0236 C0236 C0237-41 C0302 C0304 C0305,06 C0309 C0310 C0311 C0311 C0312 C0312 C0314 C0315 C0316	F3G1C1560001 F1H1H103A190 F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1E104A016 F1H1E104A016 F1H1H2R0A250 F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F3H1A1070006 F3G1C1560001	T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.01U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 10V 15U C.CAPACITOR CH 10V 15U C.CAPACITOR CH 15V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 5 1 1 2	
P1 K1AF P2 K1MI P3 K1MI R1 ERJ3 R1 ERJ3 WMA XSN; E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0007,08 F1H1 C0001 SK41 C0011 SK41 C0011 SK41 C0011 SK41 C0012 F1H1 C0015 F1H1 C0016 F3H1 C0015 F1H1 C0016 F3H1 C0017 F1H1 C0110 F1H1 C01019 F3G1 C0101 F1H1 C01019 F3H1 C01019 F3H1 C01019 F3H1 C01019 F3H1 C01019 F3H1 C01010 F1H1 C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G1 C0111	IAA120A0002 IMM21B00004 IMM16B00004 IMM16B00004 IMM16B00004 IMM16B00004 IMM0J29 IMM0J29 IMM0J29 IMM0J29 IMM16B00004 IMM16B0004 IMM16B004 IMM16B0	CONNECTOR (MALE) CONNECTOR CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	11 11 11 11 11 11	(RTL)	C0232 C0234 C0235 C0236 C0236 C0237-41 C0302 C0304 C0305,06 C0309 C0310 C0311 C0311 C0312 C0314 C0315 C0316	F1H1H103A190 F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1H2R0A260 F1H1H105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F1H1E104A016 F1H1E104A016 F3H1E104A016 F3H1E104A016 F3H1E104A016 F3H1E104A016	C.CAPACITOR CH 50V 0.01U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 10V 1U T.CAPACITOR CH 50V 470P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 5 1 1 2	
P2 K1MM P3 K1MM R1 ERJ3 VMAI XSN: ■ E5 WE3 C0001 F1H1 C0002 F1H1 C0002 F1H1 C0003 F1H1 C0001 SK41 C0011 SK41 C0011 SK41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0017 F1H1 C0018 F1H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0110 F1H1 C0101 F1H1 C0101 F1H1 C0102 F1H1 C0102 F1H1 C0103 F3H1 C0101 F1H1 C0101 F1H1 C0101 F1H1 C0101 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3H3	IMM21B00004 IMM16B00004 RJ3GEY0R00 MA0J29 SN26+4FC E300PKZ2A IH11A105A004 IH1H151A231 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	CONNECTOR CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 55V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 1 1 2 2 1 1 1 1 1 1 1 1	(RTL)	C0234 C0235 C0236 C0237-41 C0302 C0304 C0305,06 C0310 C0311 C0311 C0312 C0314 C0315 C0316	F3G1C1560001 F1H1E104A016 F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1H2R0A260 F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3H1A1070006 F3G1C1560001	T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 470P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 3P C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 5 1 1 2	
P2 K1MM P3 K1MM R1 ERJ3 VMAI XSN: ■ E5 WE3 C0001 F1H1 C0002 F1H1 C0002 F1H1 C0003 F1H1 C0001 SK41 C0011 SK41 C0011 SK41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0017 F1H1 C0018 F1H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0110 F1H1 C0101 F1H1 C0101 F1H1 C0102 F1H1 C0102 F1H1 C0103 F3H1 C0101 F1H1 C0101 F1H1 C0101 F1H1 C0101 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3H3	IMM21B00004 IMM16B00004 RJ3GEY0R00 MA0J29 SN26+4FC E300PKZ2A IH11A105A004 IH1H151A231 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	CONNECTOR CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 55V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 1 1 2 2 1 1 1 1 1 1 1 1	(RTL)	C0235 C0236 C0237-41 C0302 C0304 C0305,06 C0309 C0310 C0311 C0311 C0312 C0313 C0314 C0315 C0316	F1H1E104A016 F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1E104A016 F1H1H2R0A260 F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1B0A0255 F1H1E104A016 F3G1C1560001 F3G1C1560001	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 470P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 5 1 1 2	
P3 K1MI R1 ERJ3 VMA XSN2 E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0007.08 F1H1 C0001 F1H1 C0001 F1H1 C0001 F1H1 C0001 F1H1 C0001 F1H1 C0001 F1H1 C0011 F1H1 C0011 F1H1 C0012 F1H1 C0014 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0017 F1H1 C0018 F1H1 C0019 F3H1 C0019 F3H1 C0019 F3H1 C0101 F1H1 C0101 F1H1 C0101 F1H1 C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3H1	E300PKZ2A E300PKZ2A E300PKZ2A E41H11151A231 E41H1104A016 E41C336MC	CONNECTOR M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 2 2 1 1 1 1 1 1 1	(RTL)	C0236 C0237-41 C0302 C0304 C0305,06 C0309 C0310 C0311 C0312 C0313 C0314 C0315 C0316	F3G1C1560001 F1H1E104A016 F1H1E104A016 F1H1H2R0A260 F1H1H2R0A260 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1E104A016 F3H1E104A016 F3H1E104A016	T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	1 5 1 1 2	
R1 ERJ3 VMA XSN; E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 F1H1 C0010 F1H1 C0011 SK41 C0011 SK41 C0012 F1H1 C0016 F3H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0018 F1H1 C0019 F1H1 C0019 F1H1 C0019 F1H1 C0019 F3H1 C0011 F1H1 C0010 F1H1 C0101 F1H1 C0101 F1H1 C0101 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G2 C0111 F1H1	RJ3GEY0R00 MA0J29 SN26+4FC E300PKZ2A HH1A105A004 HH1H151A231 HH1E104A016 HH1H103A190 HH1E104A016 K41C336MC K41C336MC HH1E104A016 K41C336MC SH1A1070001	M.RESISTOR CH 1/16W 0 MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 2 2 1 1 1 1 1 1 1 1	(RTL)	C0237-41 C0302 C0304 C0305,06 C0309 C0310 C0311 C0312 C0313 C0314 C0315 C0316	F1H1E104A016 F1H1E104A016 F1H1H2R0A260 F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1E104A016 F3H1E104A016 F3H1E104A016 F3H1E104A016 F3H1E104A016 F3H1E104A016	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 470P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 3P C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 100U	1 1 2	
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 Sk41 C0011 Sk41 C0011 Sk41 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0017 F1H1 C0107 F3G7 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G7 C0111 F1H1	MA0J29 SN26+4FC E300PKZ2A E300PKZ2A HH1H151A231 HH1E104A016 HH1H103A190 HH1E104A016 K41C336MC K41C336MC HH1E104A016 K41C336MC SH1A1070001	MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1 1 1 1	(RTL)	C0302 C0304 C0305,06 C0309 C0310 C0311 C0312 C0313 C0314 C0315 C0316	F1H1E104A016 F1H1H2R0A260 F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P C.CAPACITOR CH 16V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 470P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 20V 100U	1 1 2	
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 Sk41 C0011 Sk41 C0011 Sk41 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0017 F1H1 C0107 F3G7 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G7 C0111 F1H1	MA0J29 SN26+4FC E300PKZ2A E300PKZ2A HH1H151A231 HH1E104A016 HH1H103A190 HH1E104A016 K41C336MC K41C336MC HH1E104A016 K41C336MC SH1A1070001	MISCELLANEOUS CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1 1 1 1	(RTL)	C0304 C0305,06 C0309 C0310 C0311 C0312 C0313 C0314 C0315 C0316	F1H1H2R0A260 F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 470P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 3P C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 20V 100U		
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 SK41 C0001 SK41 C0001 F1H1 C00015 F1H1 C00016 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0010 F1H1 C0107 F1H1 C0107 F1H1 C0107 F1H1 C0107 F3G1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1	E300PKZ2A E300PKZ2A H11A105A004 H1H1151A231 H1E104A016 H1H103A190 H1E104A016 K41C336MC K41C336MC HHE104A016 K41C336MC HHE104A016 K41C336MC HHE104A016	CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1	(RTL)	C0305,06 C0309 C0310 C0311 C0312 C0313 C0314 C0315 C0316	F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 20V 100U		
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 SK41 C0001 SK41 C0001 F1H1 C00015 F1H1 C00016 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0010 F1H1 C0107 F1H1 C0107 F1H1 C0107 F1H1 C0107 F3G1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1	E300PKZ2A E300PKZ2A H11A105A004 H1H1151A231 H1E104A016 H1H103A190 H1E104A016 K41C336MC K41C336MC HHE104A016 K41C336MC HHE104A016 K41C336MC HHE104A016	CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1	(RTL)	C0309 C0310 C0311 C0312 C0313 C0314 C0315 C0316	F1H1A105A004 F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 10V 1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 20V 100U		
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 SK41 C0001 SK41 C0001 F1H1 C00015 F1H1 C00016 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0010 F1H1 C0107 F1H1 C0107 F1H1 C0107 F1H1 C0107 F3G1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1	E300PKZ2A E300PKZ2A H11A105A004 H1H1151A231 H1E104A016 H1H103A190 H1E104A016 K41C336MC K41C336MC HHE104A016 K41C336MC HHE104A016 K41C336MC HHE104A016	CONNECTOR ANGLE (HEAD) SCREW PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1	(RTL)	C0309 C0310 C0311 C0312 C0313 C0314 C0315 C0316	F3G1C1560001 F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	T.CAPACITOR CH 16V 15U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 100U		
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 SK41 C0001 SK41 C0001 F1H1 C00015 F1H1 C00016 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0010 F1H1 C0107 F1H1 C0107 F1H1 C0107 F1H1 C0107 F3G1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1	E300PKZ2A IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC K41C336MC SH1A1070001	PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1	(RTL)	C0310 C0311 C0312 C0313 C0314 C0315 C0316	F1H1H471A004 F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 50V 470P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 100U	1 1 1 1 1 1 1 1 1	
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0001 SK41 C0001 SK41 C0001 F1H1 C00015 F1H1 C00016 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0017 F1H1 C0010 F1H1 C0107 F1H1 C0107 F1H1 C0107 F1H1 C0107 F3G1 C0111 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0111 F3G1 C0111 F1H1	E300PKZ2A IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC K41C336MC SH1A1070001	PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1	(RTL)	C0311 C0312 C0313 C0314 C0315 C0316	F1H1E104A016 F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 100U	1 1 1 1 1 1 1 1 1	
■ E5 WE3 C0001 F1H1 C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C0011 Sk41 C0011 F1H1 C0015 F1H1 C0015 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0017 F1H1 C0107 F1H1 C0111 F1H1	E300PKZ2A IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	PRE PROCESS P.C.BOARD C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1	(RTL)	C0312 C0313 C0314 C0315 C0316	F3G1C1560001 F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	T.CAPACITOR CH 16V 15U C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 100U	1 1 1 1 1 1 1	
C0001 F1H1 C0002 F1H1 C0003 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C0011 Sk4+ C0011 Sk4+ C0015 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G- C0111 F1H1 C0111 F3G- C0111 F3G-	IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1	(RTL)	C0313 C0314 C0315 C0316	F1H1H3R0A255 F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 50V 3P C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 100U	1 1 1 1 1 1	
C0001 F1H1 C0002 F1H1 C0003 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C0011 Sk4+ C0011 Sk4+ C0015 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G- C0111 F1H1 C0111 F3G- C0111 F3G-	IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1	(RTL)	C0314 C0315 C0316	F1H1E104A016 F3H1A1070006 F3G1C1560001	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 100U	1 1 1 1 1	
C0001 F1H1 C0002 F1H1 C0003 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C0011 Sk4+ C0011 Sk4+ C0015 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G- C0111 F1H1 C0111 F3G- C0111 F3G-	IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1	(RTL)	C0315 C0316	F3H1A1070006 F3G1C1560001	T.CAPACITOR CH 10V 100U	1 1 1 1	
C0001 F1H1 C0002 F1H1 C0003 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C0011 Sk4+ C0011 Sk4+ C0015 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G- C0111 F1H1 C0111 F3G- C0111 F3G-	IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1	(RTL)	C0316	F3G1C1560001		1 1 1	
C0001 F1H1 C0002 F1H1 C0003 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C0011 Sk4+ C0011 Sk4+ C0015 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G- C0111 F1H1 C0111 F3G- C0111 F3G-	IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1	(RTL)	1		T.CAPACITOR CH 16V 15U	1	
C0001 F1H1 C0002 F1H1 C0003 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C0011 Sk4+ C0011 Sk4+ C0015 F1H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G- C0111 F1H1 C0111 F3G- C0111 F3G-	IH1A105A004 IH1H151A231 IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 10V 1U C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1	(RTL)	C0318	F1H1A105A004		1	
C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C00011 Sk41 C0012 F1H1 C0013 Sk41 C0014 F3H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0102 F1H1 C0104 F1H1 C0105 F1H1 C0109 F3G1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0113 F1H1	HHH151A231 HHE104A016 HHH103A190 HHE104A016 K41C336MC K41C336MC HHE104A016 K41C336MC BH1A1070001	C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1		1	1	C.CAPACITOR CH 10V 1U		
C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C00011 Sk41 C0012 F1H1 C0013 Sk41 C0014 F3H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0102 F1H1 C0104 F1H1 C0105 F1H1 C0109 F3G1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0113 F1H1	HHH151A231 HHE104A016 HHH103A190 HHE104A016 K41C336MC K41C336MC HHE104A016 K41C336MC BH1A1070001	C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1		C0319	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C00011 Sk41 C0012 F1H1 C0013 Sk41 C0014 F3H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0102 F1H1 C0104 F1H1 C0105 F1H1 C0109 F3G1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0113 F1H1	HHH151A231 HHE104A016 HHH103A190 HHE104A016 K41C336MC K41C336MC HHE104A016 K41C336MC BH1A1070001	C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1		C0320	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
C0002 F1H1 C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C00011 Sk41 C0012 F1H1 C0013 Sk41 C0014 F3H1 C0015 F1H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0102 F1H1 C0104 F1H1 C0105 F1H1 C0109 F3G1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0111 F3G1 C0113 F1H1	HHH151A231 HHE104A016 HHH103A190 HHE104A016 K41C336MC K41C336MC HHE104A016 K41C336MC BH1A1070001	C.CAPACITOR CH 50V 150P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1		C0321-26	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	6	
C0003 F1H1 C0004 F1H1 C0007,08 F1H1 C0009 Sk41 C00011 Sk41 C00012 F1H1 C0013 Sk41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0016 F1H1 C0102 F1H1 C0100 F1H1 C0100 F1H1 C0100 F1H1 C0110 F1H1 C0111 F1H1 C0111 F3G3 C0111 F1H1	IH1E104A016 IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U			C0327	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0004 F1H1 C0007,08 F1H1 C0009 SK41 C00011 SK41 C00012 F1H1 C00013 SK41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C0012 F1H1 C0021-24 F3H1 C0025-32 F1H1 C00025-32 F1H1 C0102 F1H1 C0103 F1H1 C0109 F3G C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G	IH1H103A190 IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U			1			4	
C0007,08 F1H1 C0009 Sk41 C0001 Sk41 C0011 Sk4+ C0012 F1H1 C0013 Sk4+ C0014 F3H1 C0015 F1H1 C0016 F3H1 C0025-32 F1H1 C0025-32 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G-	IH1E104A016 K41C336MC K41C336MC IH1E104A016 K41C336MC SH1A1070001	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1		C0328	F1H1H270A231	C.CAPACITOR CH 50V 27P	1	
C0009 Sk41 C0011 Sk41 C0012 F1H1 C0013 Sk41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C0012-24 F3F1 C0025-32 F1H1 C0102 F1H1 C0102 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G C0110 F1H1 C0111 F1H1 C0111 F1H1 C0111 F3G	K41C336MC K41C336MC IH1E104A016 K41C336MC BH1A1070001	T.CAPACITOR CH 16V 33U	1		C0331	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0011 SK41 C0012 F1H1 C0013 SK41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C0021-24 F3F1 C0025-32 F1H1 C00102 F1H1 C01104 F1H1 C01105,06 F1H1 C0109 F3G- C0110 F1H1 C01111 F1H1 C01112 F3G- C01113 F1H1	K41C336MC IH1E104A016 K41C336MC BH1A1070001		2		C0332	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
C0012 F1H1 C0013 Sk41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C0012 F3F1 C0025-32 F1H1 C00102 F1H1 C0104 F1H1 C0109 F3G1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C0112 F3G2 C0113 F1H1	H1E104A016 K41C336MC BH1A1070001	T.CAPACITOR CH 16V 33U	1		C0334	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0013 SK41 C0014 F3H1 C0015 F1H1 C0016 F3H1 C00021-24 F3F1 C00025-32 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C0111 F3G1 C0111 F1H1 C0112 F3G3 C0113 F1H1	K41C336MC BH1A1070001		1		C0335	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
C0014 F3H1 C0015 F1H1 C0016 F3H1 C0016 F3H1 C0021-24 F3F1 C0025-32 F1H1 C0033-35 F1H7 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G C0110 F1H1 C0111 F1H1 C01112 F3G C01113 F1H1	BH1A1070001	C.CAPACITOR CH 25V 0.1U	1		C0336	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0015 F1H1 C0016 F3H1 C0021-24 F3F1 C0025-32 F1H1 C0025-35 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C01112 F3G2 C0113 F1H1		T.CAPACITOR CH 16V 33U	1		C0337-41	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	5	
C0015 F1H1 C0016 F3H1 C0021-24 F3F1 C0025-32 F1H1 C0025-35 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C01112 F3G2 C0113 F1H1		T.CAPACITOR CH 10V 100U	1						
C0016 F3H1 C0021-24 F3F1 C0025-32 F1H1 C0025-32 F1H1 C00102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0111 F1H1 C0112 F3G- C0111 F1H1		C.CAPACITOR CH 25V 0.1U	1		D0001	MA142K	DIODE	1	
C0021-24 F3F1 C0025-32 F1H1 C0033-35 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G1 C0110 F1H1 C0111 F1H1 C0112 F3G2 C0113 F1H1	3H1A4760005	T.CAPACITOR CH 10V 47U	1		D0101	MA142K	DIODE	1	
C0025-32 F1H1 C0033-35 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G- C0110 F1H1 C0111 F1H1 C0112 F3G- C0113 F1H1			_		1				
C0033-35 F1H1 C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G C0110 F1H1 C0111 F1H1 C0112 F3G C0113 F1H1	3F1A225A003	T.CAPACITOR CH 10V 2.2U	4		D0201	MA142K	DIODE	- 1	
C0102 F1H1 C0104 F1H1 C0105,06 F1H1 C0109 F3G C0110 F1H1 C0111 F1H1 C0112 F3G C0113 F1H1	IH1E104A016	C.CAPACITOR CH 25V 0.1U	8		D0301	MA142K	DIODE	1	
C0104 F1H1 C0105,06 F1H1 C0109 F3G C0110 F1H1 C0111 F1H1 C0112 F3G C0113 F1H1		C.CAPACITOR CH 10V 1U	3						
C0105,06 F1H1 C0109 F3G ² C0110 F1H1 C0111 F1H1 C0112 F3G ² C0113 F1H1	IH1E104A016	C.CAPACITOR CH 25V 0.1U	1		J0001	K1MR70B00002	CONNECTOR	1	
C0109 F3G ² C0110 F1H1 C0111 F1H1 C0112 F3G ² C0113 F1H1	1H1H2R0A260	C.CAPACITOR CH 50V 2P	1						
C0110 F1H1 C0111 F1H1 C0112 F3G1 C0113 F1H1	IH1A105A004	C.CAPACITOR CH 10V 1U	2		Q0001	2SB07660HL	TRANSISTOR	1	
C0111 F1H1 C0112 F3G1 C0113 F1H1	3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0002	2SD0874AHL	TRANSISTOR	1	
C0111 F1H1 C0112 F3G1 C0113 F1H1	IH1H471A004	C.CAPACITOR CH 50V 470P	1		Q0003	2SB07660HL	TRANSISTOR	1	
C0112 F3G1 C0113 F1H1		C.CAPACITOR CH 25V 0.1U	1		Q0004,05	2SB1218A-R	TRANSISTOR	2	
C0113 F1H1	3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0101	2SC39310YL	TRANSISTOR	1	
		C.CAPACITOR CH 50V 3P	1		Q0102	XN0653400L	TRANSISTOR	1	
		C.CAPACITOR CH 25V 0.1U	1		1			- '	
	IH1E104A016				Q0103	2SC39310YL	TRANSISTOR	1	
	3H1A1070006	T.CAPACITOR CH 10V 100U	1		Q0104	2SK662-PQR	TRANSISTOR	1	
		T.CAPACITOR CH 16V 15U	1		Q0105	XN0653400L	TRANSISTOR	1	
C0118 F1H1		C.CAPACITOR CH 10V 1U	1		Q0106-08	XN0643500L	TRANSISTOR	3	
C0119 F1H1	IH1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0110	XN0643500L	TRANSISTOR	1	
C0120 F1H1	IH1H103A190	C.CAPACITOR CH 50V 0.01U	1		Q0111	2SK662-PQR	TRANSISTOR	1	
		C.CAPACITOR CH 25V 0.1U	6		Q0112	B1GKCFAA0009	TRANSISTOR	1	
	3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0113-16	XN0643500L	TRANSISTOR	4	
		C.CAPACITOR CH 50V 27P	1		Q0117,18	2SA15320CL	TRANSISTOR	2	
		T.CAPACITOR CH 16V 15U	1		Q0117,18 Q0119	2SC39310YL	TRANSISTOR	1	
		C.CAPACITOR CH 16V 15U	1		+ 			1	
			_		Q0120	2SK662-PQR	TRANSISTOR		
		T.CAPACITOR CH 16V 15U	1		Q0121	XN0643500L	TRANSISTOR	1	
		C.CAPACITOR CH 25V 0.1U	1		Q0122	2SC39310YL	TRANSISTOR	1	
C0136 F3G1	3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0201	2SC39310YL	TRANSISTOR	1	
C0137-41 F1H1	IH1E104A016	C.CAPACITOR CH 25V 0.1U	5		Q0202	XN0653400L	TRANSISTOR	1	
C0202 F1H1	IH1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0203	2SC39310YL	TRANSISTOR	1	
C0204 F1H1	IH1H4R9A243	C.CAPACITOR CH 50V 4.9P	1		Q0204	2SK662-PQR	TRANSISTOR	1	
C0205,06 F1H1	IH1A105A004	C.CAPACITOR CH 10V 1U	2		Q0205	XN0653400L	TRANSISTOR	1	
	3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0206-08	XN0643500L	TRANSISTOR	3	
		C.CAPACITOR CH 50V 470P	1		Q0210	XN0643500L	TRANSISTOR	1	
			1					1	
		C.CAPACITOR CH 25V 0.1U	_		Q0211	2SK662-PQR	TRANSISTOR	- 1	
	3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0212	B1GKCFAA0009	TRANSISTOR	1	
		C.CAPACITOR CH 50V 3P	1		Q0213-16	XN0643500L	TRANSISTOR	4	
	IH1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0217,18	2SA15320CL	TRANSISTOR	2	
C0215 F3H1	3H1A1070006	T.CAPACITOR CH 10V 100U	1		Q0219	2SC39310YL	TRANSISTOR	1	
C0216 F3G1	3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0220	2SK662-PQR	TRANSISTOR	1	
C0218 F1H1		C.CAPACITOR CH 10V 1U	1		Q0221	XN0643500L	TRANSISTOR	1	
		C.CAPACITOR CH 25V 0.1U	1		Q0222	2SC39310YL	TRANSISTOR	1	
	IH1A105A004		Τ.		1			11	

						T .		AVV-E3003
Ref.No.	Part No.	Part Name & Description Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	n Pcs	Remarks
Q0301	2SC39310YL	TRANSISTOR 1		R0135	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	0 1	
Q0302	XN0653400L	TRANSISTOR 1		R0136	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	0 1	
Q0303	2SC39310YL	TRANSISTOR 1		R0137	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10I	K 1	
Q0304	2SK662-PQR	TRANSISTOR 1		R0138	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8I	K 1	
Q0305	XN0653400L	TRANSISTOR 1		R0139	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20I		
Q0306-08	XN0643500L	TRANSISTOR 3		R0140	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68I		
Q0300-00 Q0310	XN0643500L	TRANSISTOR 1		R0142	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56I		
Q0311	2SK662-PQR			R0143	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
Q0312	B1GKCFAA0009	TRANSISTOR 1		R0144	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8I		
Q0313-16	XN0643500L	TRANSISTOR 4		R0145,46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
Q0317,18	2SA15320CL	TRANSISTOR 2		R0147	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	0 1	
Q0319	2SC39310YL	TRANSISTOR 1		R0148	ERJ3GEYG102	M.RESISTOR CH 1/16W 1k	(1	
Q0320	2SK662-PQR	TRANSISTOR 1		R0149	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22I	K 1	
Q0321	XN0643500L	TRANSISTOR 1		R0150	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9I	K 1	
Q0322	2SC39310YL	TRANSISTOR 1		R0151,52	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22I	K 2	
				R0153	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9I	K 1	
R0001	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K 1		R0154	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82I	K 1	
R0002	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K 1		R0155	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8I	K 1	
R0003	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K 1		R0156	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
R0004	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K 1		R0157	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		
R0004	ERJ3GEYJ334	M.RESISTOR CH 1/16W 20K 1		R0157	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
R0006	ERJ3GEYJ224			R0160	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10I		
R0007	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		R0161	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		
R0008	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0162	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10I		
R0009-13	ERJ3RBD473	M.RESISTOR CH 1/16W 47K 5		R0163	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		
R0014	ERJ3RBD513	M.RESISTOR CH 1/16W 51K 1		R0164	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10I	K 1	
R0015	ERJ3RBD473	M.RESISTOR CH 1/16W 47K 1		R0165	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	0 1	
R0016	ERJ3RBD393	M.RESISTOR CH 1/16W 39K 1		R0166	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10I	K 1	
R0017	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0167	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	0 1	
R0018,19	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 2		R0168	ERJ3RBD153	M.RESISTOR CH 1/16W 15I	K 1	
R0020	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0169	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	0 1	
R0021.22	ERJ3RBD473	M.RESISTOR CH 1/16W 47K 2		R0170	ERJ3GEYJ914	M.RESISTOR CH 1/16W 910)K 1	
R0024	ERJ3RBD623	M.RESISTOR CH 1/16W 62K 1		R0171	ERJ3RBD203	M.RESISTOR CH 1/16W 20I		
R0025	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0172	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3I		
R0026	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0173	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1I		
R0027	ERJ3RBD103	MINESISTENCE TO TOTAL		R0174	ERJ3RBD751	M.RESISTOR CH 1/16W 750		
R0029	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0175	ERJ3RBD683	M.RESISTOR CH 1/16W 68I		
R0030	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K 1		R0176	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22I		
R0032	ERJ3RBD563	M.RESISTOR CH 1/16W 56K 1		R0177	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		
R0033,34	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 2		R0178	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15I	K 1	
R0088	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K 1		R0179,80	ERJ3RBD471	M.RESISTOR CH 1/16W 470	0 2	
R0089	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K 1		R0181	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	0 1	
R0090	ERJ3RBD751	M.RESISTOR CH 1/16W 750 1		R0182	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4I	K 1	
R0091	ERJ3RBD102	M.RESISTOR CH 1/16W 1K 1		R0183	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	0 1	
R0092	ERJ3RBD121	M.RESISTOR CH 1/16W 120 1		R0184	ERJ3RBD202	M.RESISTOR CH 1/16W 2k	(1	
R0093	ERJ3RBD331	M.RESISTOR CH 1/16W 330 1		R0185	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22I	K 1	
R0094	ERJ3GEYF470	M.RESISTOR CH 1/16W 47 1		R0186	ERJ3RBD102	M.RESISTOR CH 1/16W 1k		
R0095	ERJ3RBD181	M.RESISTOR CH 1/16W 180 1		R0187	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22I		
R0096	ERJ3GEYF470	M.RESISTOR CH 1/16W 47 1		R0188	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
R0097	ERJ3RBD101			R0189	ERJ3GEYG102	M.RESISTOR CH 1/16W 18	` '	
R0098	ERJ3GEYF150V			R0190	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18I		
R0103		M.RESISTOR CH 1/16W 2.2K 1		R0191	ERJ3GEYG102	M.RESISTOR CH 1/16W 1k		
R0104,05		M.RESISTOR CH 1/16W 4.7K 2		R0192	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2I		
R0106,07		M.RESISTOR CH 1/16W 2.2K 2		R0195	ERJ3GEYF750	M.RESISTOR CH 1/16W 75		
R0108	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K 1		R0196	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3I		
R0109	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0197	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22I	K 1	
R0110	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10 1		R0198	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2 1	
R0111,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 2		R0203	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I	K 1	
R0114-16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 3		R0204,05	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7I	K 2	
R0117		M.RESISTOR CH 1/16W 100 1		R0206,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
R0118		M.RESISTOR CH 1/16W 16K 1		R0208	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47I		
R0119		M.RESISTOR CH 1/16W 2K 1		R0209	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
R0119	ERJ3GEYJ333	M.RESISTOR CH 1/16W 2K 1		R0209	ERJ3GEYJ100	M.RESISTOR CH 1/16W 2.20		
		M.RESISTOR CH 1/16W 3.3K 1		-				
R0121				R0211,12 R0214-16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10I		
R0123					ERJ3GEYJ223	M.RESISTOR CH 1/16W 22I		
R0124		M.RESISTOR CH 1/16W 51 1		R0217	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		
R0125		M.RESISTOR CH 1/16W 100 1		R0218	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16I		
R0126	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0219	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2k	(1	
R0127,28	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K 2		R0220	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33I	K 1	
R0129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 1		R0221	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7I	K 1	
R0130	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0223	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	0 1	
R0131		M.RESISTOR CH 1/16W 3.3K 1		R0224	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51		
		M.RESISTOR CH 1/16W 2.2K 1		R0225	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		
R0132		M.RESISTOR CH 1/16W 100 1		R0226	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2I		
	FR.13GEV 1101		i l	110440	L. 1000L 10222		1	l
R0133				P0227 20	EB ISCEVO1ES	M RESISTOR OU 1/16/M/ 4 FF	κ l -	
		M.RESISTOR CH 1/16W 0 1		R0227,28	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5I	K 2	

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Ref.No.	Part No.	Part Name & Description Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0229	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 1		R0321	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R0230	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0323	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0231	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K 1		R0324	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
R0232	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0325	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0233	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0326	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0234	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 1		R0327,28	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R0235	ERJ3GEYG471	M.RESISTOR CH 1/16W 470 1		R0329	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0236	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680 1		R0330	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0237	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		R0331	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R0238	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K 1		R0332	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0239	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K 1		R0333	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0240	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K 1		R0334	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0242	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K 1		R0335	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R0243	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0336	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R0244	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K 1		R0337	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0245,46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 2		R0338	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R0247	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0339	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R0248	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0340	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R0249	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0342	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R0250	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K 1		R0343	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0251,52	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 2		R0344	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R0253	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K 1		R0345,46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R0254	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K 1		R0347	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0255	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K 1		R0348	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0256	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0349	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0257	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0350	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R0258	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0351,52	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R0260	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		R0353	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R0261	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0354	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R0262	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1 M.RESISTOR CH 1/16W 100 1		R0355	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R0263	ERJ3GEYJ101			R0356	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0264	ERJ3GEYJ103			R0357	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0265	ERJ3GEYJ101	III. LEGIOTOR OIT INTOIT TOO		R0358	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K		
R0266	ERJ3GEYJ103			R0360	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0267	ERJ3GEYJ101			R0361	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0268 R0269	ERJ3RBD153 ERJ3GEYJ331	M.RESISTOR CH 1/16W 15K 1 M.RESISTOR CH 1/16W 330 1		R0362	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K		
R0269 R0270	ERJ3GEYJ914	M.RESISTOR CH 1/16W 910K 1		R0363 R0364	ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K	1	
				-			1	
R0271 R0272	ERJ3RBD203 ERJ3RBD432	M.RESISTOR CH 1/16W 20K 1 M.RESISTOR CH 1/16W 4.3K 1		R0365 R0366	ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K	1	
R0272	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K 1		R0367	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0274	ERJ3RBD751	M.RESISTOR CH 1/16W 750 1		R0368	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R0275	ERJ3RBD683	M.RESISTOR CH 1/16W 68K 1		R0369	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R0276	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0370	ERJ3GEYJ914	M.RESISTOR CH 1/16W 910K	1	
R0277	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0371	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R0278	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K 1		R0372	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K	1	
R0279,80	ERJ3RBD471	M.RESISTOR CH 1/16W 470 2		R0373	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R0281	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0374	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R0282	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K 1		R0375	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R0283	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0376	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0284	ERJ3RBD202	M.RESISTOR CH 1/16W 2K 1		R0377	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0285	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0378	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R0286	ERJ3RBD102	M.RESISTOR CH 1/16W 1K 1		R0379,80	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R0287	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0381	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0288	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0382	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R0289	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0383	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0290	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K 1		R0384	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R0291	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0385	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0292	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K 1		R0386	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R0295	ERJ3GEYF750	M.RESISTOR CH 1/16W 75 1		R0387	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0296	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K 1		R0388	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0297	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0389	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0298	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22 1		R0390	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R0303	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0391	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0304,05	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K 2		R0392	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R0306,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 2		R0395	ERJ3GEYF750	M.RESISTOR CH 1/16W 75	1	
R0308	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K 1		R0396	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R0309	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0397	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0310	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10 1		R0398	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R0311,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 2		R0701	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R0314-16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 3		R0702	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R0317	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0703	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0318	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16K 1		R0706	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R0319	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K 1		R0721	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R0320	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K 1		R0722	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R0320			1	1			-	
R0320							-	

								AW-E30051
Ref.No.	Part No.	Part Name & Description Po	s Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0723	ERJ3GEYF510	M.RESISTOR CH 1/16W 51	1	C0011	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
R0724	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	C0012	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
R0725	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	C0013-16	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
R0726	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	C0017	F1H1H300A004	C.CAPACITOR CH 50V 30P	1	
R0727,28	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	C0018	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
R0730	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	C0019	F1H1H101A231	C.CAPACITOR CH 50V 100P	1	
R0731	ERJ3RBD203		1	C0021	SK41C336MC	T.CAPACITOR CH 16V 33U	1	
R0732	ERJ3RBD103		1	C0022	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
	ERJ3RBD472		1	C0024	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
R0733	ERJ3RBD472	W.RESISTOR CH 1/16W 4.7K	1	l	F1H1E104A016		3	
DT0400	D4D404220004	THERMICTOR	1	C0026-28		C.CAPACITOR CH 25V 0.1U		
RT0100	D4B101330001		*	C0030-56	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	27	
RT0200	D4B101330001		1	C0057	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
RT0300	D4B101330001	THERMISTOR	1	C0058	F1H1H101A231	C.CAPACITOR CH 50V 100P	1	
				C0059	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
S0001	SKHHLS	SWITCH	1	C0060	F3H0J2260003	T.CAPACITOR CH6.3V 22U	1	
S0002	SKHHLR	SWITCH	1	C0062	F1H1H102A190	C.CAPACITOR CH 50V 1000P	1	
S0003,04	SKHHLQ	SWITCH	2	C0063	F3H1A2260003	T.CAPACITOR CH 10V 22U	1	
				C0064	F1H1H101A231	C.CAPACITOR CH 50V 100P	1	
U0001	MC14050BF	IC	1	C0066-69	F3H1E1060004	T.CAPACITOR CH 25V 10U	4	
U0002	C0ABCA000035		1	C0070	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0003	C0ABBB000115	IC	1	C0073-76	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
			1	l			1	
U0005	TC4W53FU	IC IC	4 COAD CD000000	C0077	F3H0J6860004	T.CAPACITOR CH6.3V 68U	- 1	
U0006	NJM2059M		1 C0ABCB000023	C0078-81	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
U0007	C5AB00000001		1	C0082-84	F3F1A4750001	T.CAPACITOR CH 10V 4.7U	3	
U0008	C0JBAA000148	-	1	C0085	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0101	MC14053BF	IC	1	C0086	F3H0J6860004	T.CAPACITOR CH6.3V 68U	1	
U0102,03	NJM4559M	IC	2	C0087-90	F3F1A4750001	T.CAPACITOR CH 10V 4.7U	4	
U0104	NJM2904M	IC	1	C0092,93	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
U0105	C0ABBB000115	IC	1	C0094	F1H1H150A231	C.CAPACITOR CH 50V 22P	1	
U0108	TC4W53FU	IC	1	C0095,96	YGM1C471J1HT	C.CAPACITOR 16V 470U	2	
U0201	MC14053BF		1	C0097	F1H1H200A004	C.CAPACITOR CH 50V 20P	1	
U0202,03	NJM4559M		2	C0098,99	YGM1C471J1HT	C.CAPACITOR 16V 470U	2	
			1				2	
U0204	NJM2904M		*	C0105	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0205	C0ABBB000115		1	C0107	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0208	TC4W53FU	IC	1	C0108	F1K1E1040003	C.CAPACITOR CH 25V 0.1U	1	
U0301	MC14053BF	IC	1	C0109	F1H1H122A013	C.CAPACITOR CH 50V 1200P	1	
U0302,03	NJM4559M	IC	2	C0111	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0304	NJM2904M	IC	1	C0112	F3F1A225A003	T.CAPACITOR CH 10V 2.2U	1	
U0305	C0ABBB000115	IC	1	C0113	F1H1E223A002	C.CAPACITOR CH 25V 0.22U	1	
U0308	TC4W53FU		1	C0118	F3H1A1070006	T.CAPACITOR CH 10V 100U	1	
00300				C0119	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
				C0120	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
				1				
				C0121	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
				C0122	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
				C0123	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
■ E6	WE300EKD2A	JOINT P.C.BOARD	1 (RTL)	C0124-27	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
				C0128	F3H0J2260003	T.CAPACITOR CH6.3V 22U	1	
				C0129	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
C0001	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	C0131	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
				C0133	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
J0001	K1MR70B00001	CONNECTOR	1	C0134	F3H0J2260003	T.CAPACITOR CH6.3V 22U	1	
J0002	K1MR70B00002		1	C0135	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
J0004,05	K1MR70B00002		2	C0136	F2J1C100A005	E.CAPACITOR 16V 10U	1	
J0004,05	K1MR70B00002 K1MR70B00001		1	C0136 C0137,38	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
			1	l			4	
J0008	K1KA12B00002	,		C0139	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
J0009	K1MR70B00001		1	C0140	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
J0010	K1MM21B00004		1	C0141	F3H1A2260003	T.CAPACITOR CH 10V 22U	1	
J0011	K1MM16B00004	CONNECTOR	1	C0142,43	F1H1H470A231	C.CAPACITOR CH 50V 47P	2	
				C0144	F1H1H150A231	C.CAPACITOR CH 50V 22P	1	
P0003	PANB1A061	CONNECTOR	1	C0145	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
P0006	PANB1A061	CONNECTOR	1	C0146	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	
				C0147	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
R0001	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	C0148	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
				C0149	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
U0001	MC14053BF	IC	1	C0150	SK41C336MC	T.CAPACITOR CH 16V 33U	1	
			*	1			1	
				C0151	F1H1H2R0A260		1	
				C0152	F3H0J2260003	T.CAPACITOR CH6.3V 22U	1	
				C0153,54	F1H1H470A231	C.CAPACITOR CH 50V 47P	2	
				C0155	F1H1H150A231	C.CAPACITOR CH 50V 22P	1	
				C0156,57	F1H1H100A226	C.CAPACITOR CH 50V 10P	2	
■ E7	WE300PKZ1B	DSP/ENC P.C.BOARD	1 (RTL)	C0158	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
■ E7				C0159	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
■ E7				l		C.CAPACITOR CH 25V 0.1U	1	
■ E7				C0160	F1H1E104A016			
	F1H1A105A004	C CAPACITOR CH 10V 1II	1	l	F1H1E104A016 F3H0J2260003		1	
C0001	F1H1A105A004		•	C0161	F3H0J2260003	T.CAPACITOR CH6.3V 22U		
	F1H1A105A004 F1H1E104A016		1	l			1	

			T		1			AVV-E3003
Ref.No.	Part No.	Part Name & Description P	cs Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C0163	SK41C336MC	T.CAPACITOR CH 16V 33U	1	Q0027	2SB1218A-R	TRANSISTOR	1	
C0164	F1H1H2R0A260	C.CAPACITOR CH 50V 2P	1	Q0028,29	B1ABCF000059	TRANSISTOR	2	
C0165	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	Q0030-33	2SC39310YL	TRANSISTOR	4	
C0165 02	F1H1H221A231	C.CAPACITOR CH 50V 220P	1	Q0034	XP0460100L	TRANSISTOR	1	
C0166	F1H1H270A231	C.CAPACITOR CH 50V 27P	1	Q0035	B1ABCF000059	TRANSISTOR	1	
C0167-70	F3F1A1060001	T.CAPACITOR CH 10V 10U	4	Q0036	2SC39310YL	TRANSISTOR	1	
C0107-70	SK41C336MC	T.CAPACITOR CH 16V 33U	1	Q0037	B1ABCF000059		1	
			1	1 1		TRANSISTOR	1	
C0172	F3H1A2260003	T.CAPACITOR CH 10V 22U		Q0038	2SC39310YL	TRANSISTOR	- 1	
C0173	F1H1H2R0A260	C.CAPACITOR CH 50V 2P	1	Q0039	B1ABCF000059	TRANSISTOR	1	
C0174	F3H1A2260003	T.CAPACITOR CH 10V 22U	1	Q0040-42	2SC39310YL	TRANSISTOR	3	
C0176-78	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	Q0043	XP0460100L	TRANSISTOR	1	
C0181,82	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	Q0044	2SB1218A-R	TRANSISTOR	1	
C0186	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	Q0045,46	B1ABCF000059	TRANSISTOR	2	
C0187	F3F1A4750001	T.CAPACITOR CH 10V 4.7U	1	Q0047-49	2SC39310YL	TRANSISTOR	3	
C0188	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	Q0050	XP0460100L	TRANSISTOR	1	
C0189	F3H0J6860004	T.CAPACITOR CH6.3V 68U	1	Q0051	2SD18200WL	TRANSISTOR	1	
C0190,91	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	Q0052	2SB1219AHL	TRANSISTOR	1	
C0192	F1H1H150A231	C.CAPACITOR CH 50V 22P	1	Q0053	2SD18200WL	TRANSISTOR	1	
C0193-95	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	Q0054	2SB1219AHL	TRANSISTOR	1	
C0196	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	Q0055	2SD18200WL	TRANSISTOR	1	
			1	Q0056			1	
C0197	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	1	2SB1219AHL	TRANSISTOR	1	
C0202	F3H0J2260003	T.CAPACITOR CH6.3V 22U		Q0057	B1ABCF000059	TRANSISTOR	1	
C0203	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	H Barri	ED IOOE: / : :==	M DEGICTOR OF THE STATE		
C0205	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	R0001	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
C0209	F1H1H151A231	C.CAPACITOR CH 50V 150P	1	R0002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C0211	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	R0007	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
C0213-16	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	R0009	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
C0219,20	F1H1H101A231	C.CAPACITOR CH 50V 100P	2	R0013-15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
C0221	F1H1H220A231	C.CAPACITOR CH 50V 22U	1	R0017	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
C0222	F1H1H4R0A243	C.CAPACITOR CH 50V 4P	1	R0018	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
C0223	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	R0019-42	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	24	
C0225.26	F1H1H220A231	C.CAPACITOR CH 50V 22U	2	R0049	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
C0228	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	R0050	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
C0229	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	R0051,52	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
C0229	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	R0053-58	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
00230-32	11111111047010	C.GAFAGITOR GIT 23V 0.10	3	1			- 4	
				R0059	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	-	
CF0001	J0HABY000003	FILTER	1	R0060,61	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
CF0002	J0E3584B0005	FILTER	1	R0062	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
				R0063,64	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
D0001	MA142K	DIODE	1	R0065	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
D0002,03	MA3J14300L	DIODE	2	R0066	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
D0004-07	B0CCAB000015	DIODE	4	R0068	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
D0010	MA3J14300L	DIODE	1	R0069,70	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
				R0071	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
IC0432	C0ABEB000023	IC	1	R0072,73	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
				R0074	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
J0001,02	K1MR70B00002	CONNECTOR	2	R0075	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
J0003	K1JE50B00001	CONNECTOR	1	R0076	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
00000	KIGEGOBOOOT	CONTROLOR		R0077	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
1.0004	040000 100004	2011	4	1 1			1	
L0001	G1C390J00001	COIL 39UH	1	R0078	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
L0002	ELJFC4R7MF	COIL 4.7UH	1	R0079	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
L0003	G1C390J00001	COIL 39UH	1	R0080	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
L0005	ELJFC4R7MF	COIL 4.7UH	1	R0082,83	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
L0006	YWNL324R7J	COIL 4.7UH	1	R0084,85	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
L0007,08	ELJFC4R7MF	COIL 4.7UH	2	R0089	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L0009,10	ELJFC5R6MF	COIL 5.6UH	2	R0096	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
				R0097	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
P0005	PANB1A061	CONNECTOR	1	R0098	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
				R0099	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
Q0003	B1GKCFAA0005	TRANSISTOR	1	R0100,01	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
Q0004	XP0460100L	TRANSISTOR	1	R0104	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
Q0005	B1ABAC000008	TRANSISTOR	1	R0106	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
Q0003	XP0460100L	TRANSISTOR	1	R0111	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
			1	1	ERJ3GEYJ103		2	
Q0013	2SB07660HL	TRANSISTOR	1	R0112,13		M.RESISTOR CH 1/16W 10K	1	
Q0014	B1ABCF000059	TRANSISTOR		R0118	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
Q0015	2SB07660HL	TRANSISTOR	1	R0120	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
Q0016	B1ABCF000059	TRANSISTOR	1	R0121	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
Q0017	2SB07660HL	TRANSISTOR	1	R0122	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
Q0018	B1ABCF000059	TRANSISTOR	1	R0123	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
Q0019	2SB07660HL	TRANSISTOR	1	R0124	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
Q0020	B1ABCF000059	TRANSISTOR	1	R0125	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
Q0022	2SB1218A-R	TRANSISTOR	1	R0131	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
Q0023,24	2SC39310YL	TRANSISTOR	2	R0132	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
	2SB1218A-R	TRANSISTOR	1	R0134,35	ERJ3GEYJ225	M.RESISTOR CH 1/16W 2.2M	2	
Q0025			+	1			1 -	
Q0025		TRANSISTOR	1	R0138	ERJ3GEYJ623	IM.RESISTOR CH 1/16W 62K	1	
	B1ABCF000059	TRANSISTOR	1	R0138	ERJ3GEYJ623	M.RESISTOR CH 1/16W 62K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pc	s Remarks
R0139	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1		R0251	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		1
R0152	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1		R0252	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K		1
R0153	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1		R0253	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K		1
R0155	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1		R0254	ERJ3GEYJ431	M.RESISTOR CH 1/16W 430		1
R0156	ERJ3GEYJ241	M.RESISTOR CH 1/16W 240	1		R0255	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
R0158	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1		R0256	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K		1
R0159	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1		R0257	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		1
R0160	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1		R0258,59	ERJ3RBD391	M.RESISTOR CH 1/16W 390	:	2
R0161	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1		R0260	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K		1
R0163	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R0261,62	ERJ3RBD473	M.RESISTOR CH 1/16W 47K		2
R0166	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1		R0263	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	<u> </u>	1
R0167	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1		R0264	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	<u> </u>	1
R0169	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R0265	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	<u> </u>	1
R0172	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1		R0266	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	+	1
R0173	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1		R0267	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	+	1
R0175	ERJ3GEYJ101 ERJ3RBD183	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 18K	1		R0268	ERJ3RBD911	M.RESISTOR CH 1/16W 910 M.RESISTOR CH 1/16W 2.2K	-	1
R0176 R0177,78	ERJ3RBD103	M.RESISTOR CH 1/16W 18K M.RESISTOR CH 1/16W 10K	_		R0269 R0270-73	ERJ3RBD222 ERJ3GEYJ100	M.RESISTOR CH 1/16W 2.2K	-	1
R0177,78	ERJ3RBD103 ERJ3RBD202	M.RESISTOR CH 1/16W 10K	2		R0270-73	ERJ3GEYJ100 ERJ3GEYJ680	M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 68	+-'	1
			1				M.RESISTOR CH 1/16W 10K	+	1
R0181 R0182	ERJ3GEYJ101 ERJ3GEYJ750	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 75	1		R0276 R0277	ERJ3GEYJ103 ERJ3GEYJ203	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 20K	+	1
R0182	ERJ3GEYJ750 ERJ3GEYJ752	M.RESISTOR CH 1/16W 75 M.RESISTOR CH 1/16W 7.5K	1		R0277 R0278	ERJ3GEYJ203 ERJ3GEYJ750	M.RESISTOR CH 1/16W 20K	+	1
R0184	ERJ3GEYJ752 ERJ3GEYJ303	M.RESISTOR CH 1/16W 7.5K	1		R0278	ERJ3GEYJ750 ERJ3GEYJ220	M.RESISTOR CH 1/16W 75 M.RESISTOR CH 1/16W 22	+	1
R0186	ERJ3GEYJ684	M.RESISTOR CH 1/16W 30K	1		R0280 R0281	ERJ3GEYJ220 ERJ3GEY0R00	M.RESISTOR CH 1/16W 22 M.RESISTOR CH 1/16W 0	+	1
R0187	ERJ3GEYJ202	M.RESISTOR CH 1/16W 000K	1		R0283	EVM7JGA00B14	V.RESISTOR CH 1/16W 0	+	1
R0188	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R0290,91	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		2
R0189	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1		R0293	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		1
R0190	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1		R0294	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	+	1
R0191	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1		R0299	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	+	1
R0192	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1		R0300	ERJ3RBD391	M.RESISTOR CH 1/16W 390	+	1
R0193	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1		R0301	ERJ3RBD201	M.RESISTOR CH 1/16W 200	+	1
R0194,95	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2		R0302,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	+	2
R0196	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1		R0304,05	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	T	2
R0197,98	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2		R0306,07	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	2
R0199	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1		R0308-11	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	Τ.	4
R0200	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1		R0313	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	T	1
R0201-03	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3		R0314	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
R0204	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1		R0315	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K		1
R0205,06	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2		R0316	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680		1
R0207	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1		R0319	ERJ3GEYJ225	M.RESISTOR CH 1/16W 2.2M	I	1
R0208	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1		R0320,21	ERJ3RBD103	M.RESISTOR CH 1/16W 10K		2
R0209	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R0400	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
R0210	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1		R0401	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K		1
R0211	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R0402	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		1
R0212	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R0403	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
R0213	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1		R0405,06	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		2
R0214	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1		R0409	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	4	1
R0215	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1		R0410	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	1
R0216	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1		R0411	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	1
R0217	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1		R0417,18	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	_	2
R0218-21	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	4		R0422,23	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		2
R0222	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1		R0426,27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		2
R0223,24	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2		R0431,32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	_	2
R0225	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1		R0434,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	2
R0226,27	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	2		R0438	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	+	1
R0228	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1		R0440	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	1
R0229	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1		R0442	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	1
R0230	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		⚠ R0444	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	+	1
R0231	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1		R0445	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	+	1
R0232	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1		R0446	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	+	1
R0233	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1		R0447	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	+	1
R0234	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R0448	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	+	1
R0235	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1		R0449	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	+	1
R0236	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R0450	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	+	1
R0237 R0238	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R0452 R0453	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	+	1
	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K				ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	-	1
R0239 R0240	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1		R0454	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	+	1
R0240 R0241	ERJ3RBD202 ERJ3RBD911	M.RESISTOR CH 1/16W 2K	1		R0455 R0456	ERJ3GEY0R00 ERJ3GEYJ303	M.RESISTOR CH 1/16W 0	+	1
		M.RESISTOR CH 1/16W 910	1				M.RESISTOR CH 1/16W 30K	+	1
R0242	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1		R0457	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	+	1
R0243-46	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	+ -		R0459	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	+	1
R0247	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1		R0460	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	+	1
R0248	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1		R0461	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	-	1
D0010	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1		DT0454	DARSSOCOSS	THEDMISTOR	+	1
R0249	ED 10051/0 :==			i l	RT0451	D4B332500001	THERMISTOR	1 '	III.
R0249 R0250	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	- '		1110101				+

			T		1	T.	_	AW-E3005
Ref.No.	Part No.	Part Name & Description Po	s Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
				C0023	F2H0J3310003	E.CAPACITOR 6.3V 330U	1	
U0001	M51957BFP	IC		C0025	F1H1E1020002	C.CAPACITOR CH 25V 1000P	1	
U0003	UL1A531A	IC		C0026	ECGC0JB680RA	C.CAPACITOR CH6.3V 68P	1	
U0004	C0JBAA000148	IC		C0027	F2H1A4710001	E.CAPACITOR 10V 470U	1	
U0005	BR9040F	IC		C0029	F1H1E1020002	C.CAPACITOR CH 25V 1000P	1	
U0006	C0JBAN000010	IC		C0030	ECGC1BB330RA	C.CAPACITORCH12.5V 33P	1	
U0007	UPD6465GT611	IC		C0031	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
U0009	C0FBBD000023	IC		C0032	F2H1A4710001	E.CAPACITOR 10V 470U	1	
U0010-12	MN6577F	IC	3	C0033	20SM33M	CAPACITOR	1	
U0015	NJM2904M	IC	1	C0034	F2H1E2210001	E.CAPACITOR 25V 220U	1	
U0016	MC14053BF	IC	1	C0035-37	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	
U0017	MC74HC08AF	IC	1	C0038	RV16V471MH10	CAPACITOR	1	
U0018	TC7W14F	IC	1	C0039,40	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
U0019	NJM4556AM	IC	1	C0041	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
U0020	NJM2903M	IC	1	C0042-44	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	
U0021	TC7W14F	IC	1	C0045	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	
U0025	C1DB00000053		1	C0047	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0026	C0JBAE000004	IC	1	C0052	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0029	C1ZBZ0000169	IC		C0054	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
U0030	F432532APGF		1 C1AB00000199	C0055	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
		IC	1 C IAB00000 199				1	
U0031	C0JBAB000220			C0056	RV16V471MH10	CAPACITOR	- '	
U0035	TC7SH08F	IC		C0057	F3F1A225A003	T.CAPACITOR CH 10V 2.2U	1	
U0036	YWTC7SH04F	IC		C0058,59	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
U0037	C0FABD000019	IC		C0060,61	F1H1C104A005	C.CAPACITOR CH 16V 0.1U	2	
U0038	C0ABCA000035	IC		C0062,63	F1H1A105A004	C.CAPACITOR CH 10V 1U	2	
U0039	LM1881M	IC	1	C0073	F3F1A225A003	T.CAPACITOR CH 10V 2.2U	1	
U0040	C0JBAB000005		1	C0074	F3H1C4760003	T.CAPACITOR CH 16V 47U	1	
U0041	C0JBAA000148	IC	1					
U0042	C0JBAB000004	IC	1	CN0003	524651891	CONNECTOR	1	
U0044	C0JBAB000005	IC	1					
U0047	C0JBAB000003	IC	1	D0002-08	B0JCME000014	DIODE	7	
U0048	YULLW0106	IC	1	D0010	B0JCME000014	DIODE	1	
U0049	C0JBAZ000025		1	D0011	MAZ508200L	DIODE	1	
U0050	YULLW0106	IC		D0012	MA3062M	DIODE	1	
U0050	TC7SH08F	IC		50012	WAJOOZIVI	DIODE	+ '	
				E0004	KEI 1000 400000	FLICE	1	
U0052	C0JBAB000003			F0001	K5H202A00002	FUSE	- '	
U0053	TC7SH32F		1	=:			+-	
U0422	C0JBAB000220	IC		FL0001,02	J0JHA0000001	FILTER	2	
U0423	C0JBAZ000280	IC						
U0429	C0ABBB000179	IC		J0001	0740-010618	POWER JACK	1	
U0433	YWTC7SH04F	IC	1	J0001 02	K1MR70B00001	CONNECTOR	1	
				J0002	K1KA12B00002	CONNECTOR	1	
Y0001	H0J120500005	CRYSTAL OSCILLATOR	1					
Y0002,03	H0J286500009	CRYSTAL OSCILLATOR	2	L0001	CDPH73-391	COIL	1	
				L0002	G1C560K00010	COIL 56UH	1	
		MISCELLANEOUS		L0003	G1A180G00001	COIL 18UH	1	
				L0004	G1A680F00001	COIL 68UH	1	
	1E1A003B	HEAT SINK	1	L0005	RLQZ151JT-Z	COIL 150UH	1	G1C151J00003
	5G1A068B		1	L0006,07	G1A680F00001	COIL 68UH	2	0.0.0.00000
	5G1A069A	HEAT SINK D		L0008	CDPH73-181	COIL	1	
	C3FBEZ000002	IC		L0009	G1C560K00010	COIL 56UH	1	
				l	-		- '	
	VMT1177		1	L0016	G1C220M00003	COIL 22UH	1	
	VMT1183	GASKET (A)	1				1	
				Q0001	B1DCCG000001	TRANSISTOR	1	
				Q0002	2SD1819QRS	TRANSISTOR	1	
				Q0003	2SB1218ALL	TRANSISTOR	1	
				Q0004	2SB07660HL	TRANSISTOR	1	
				Q0005	2SD1819QRS	TRANSISTOR	1	
■ E8	WE300EKB2A	POWER P.C.BOARD	1 (RTL)	Q0006	B1DHCD000005	TRANSISTOR	1	
				Q0007	2SD1819QRS	TRANSISTOR	1	
				Q0008	2SB1218ALL	TRANSISTOR	1	
C0006	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	Q0009	B1BCGC000001	TRANSISTOR	1	
C0008	F1H1E1020002		1	Q0010	2SD1819QRS	TRANSISTOR	1	
C0009	F1H1H472A190	C.CAPACITOR CH 50V 4700P		Q0010	B1DHCD000005	TRANSISTOR	1	
C0003	F1H1E104A016	C.CAPACITOR CH 25V 0.1U		Q0011	2SD1819QRS	TRANSISTOR	1	
				l	-		1	
C0011	F1H1A2240001			Q0013	2SB1218ALL	TRANSISTOR	1	
C0013	F1H1E104A016			Q0014	2SD1819QRS	TRANSISTOR	1	
C0014	F1H1E6830002	C.CAPACITOR CH 25V 0.68U		Q0015	2SB1218ALL	TRANSISTOR	1	
C0015	YGM1B473K1CT		1	Q0016-18	B1DHCD000005	TRANSISTOR	3	
C0016	ECGC1BB330RA	C.CAPACITORCH12.5V 33P		Q0019	B1BCGC000001	TRANSISTOR	1	
C0017	F2H1E2210001	E.CAPACITOR 25V 220U		Q0020,21	2SD1819QRS	TRANSISTOR	2	
C0019	20SN100M	CAPACITOR	1	Q0022,23	2SB1218ALL	TRANSISTOR	2	
C0020	F1H1E1020002	C.CAPACITOR CH 25V 1000P	1	Q0024	2SD1819QRS	TRANSISTOR	1	
C0021	ECGC0JB680RA	C.CAPACITOR CH6.3V 68P	1	Q0025	B1DFCL000002	TRANSISTOR	1	
C0022	F1H1H120A231	C.CAPACITOR CH 50V 68P	1	Q0026	B1DCCG000001	TRANSISTOR	1	
	1		1	l I	İ .	1		

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Ref.No.	Part No.	Part Name & Description Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q0027	2SK1133-T1B	TRANSISTOR 1	B1CFGF000001	R0101	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
Q0028	B1DHCD000005	TRANSISTOR 1		R0112	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
Q0029	2SD1819QRS	TRANSISTOR 1		R0116	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	1	
Q0030	2SB1218ALL	TRANSISTOR 1		R0117	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
Q0031	2SD1819QRS	TRANSISTOR 1		R0118	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
Q0032	2SB12190WL	TRANSISTOR 1		R0121	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
Q0002	20012100002	Trattolo Tolk		R0122	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
D0004	ED IODDD460	M.RESISTOR CH 1/16W 16K 1					4	
R0001	ERJ3RBD163			R0124-27	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	4	
R0002	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K 1		R0128	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R0013,14	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 2		R0129	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R0015	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0138	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R0016	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K 1		R0139	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R0017	ERJ3RBD153	M.RESISTOR CH 1/16W 15K 1		R0143	ERJ6GEYJ1R6	M.RESISTOR CH 1/10W 1.6	1	
R0018	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 1		R0144-46	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	3	
R0019-21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 3		R0147	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R0023	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510 1						
R0024	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		U0001	C0BBBA000024	IC	1	
R0025	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		U0002	MC74HC161AF	IC	1	
R0026	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		U0003	MC74HC4046AF	IC	1	
						IC	-	
R0027	ERJ3GEYJ103			U0004	C0ABAA000001			
R0028	ERJ3GEYJ223			U0005,06	C0DBAKZ00003	IC	2	
R0029	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 1		U0007	C0JBAE000004	IC	1	
R0030-32	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 3		U0008	C0BBBA000024	IC	1	
R0033	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180 1						
R0034	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K 1					L	
R0035	ERJ3RBD243	M.RESISTOR CH 1/16W 24K 1						
R0036	ERJ3RBD302	M.RESISTOR CH 1/16W 3K 1						
R0037	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		■ E9	WE300EKC2A	POWER SUB P.C.BOARD	1	(RTL)
R0038	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K 1					Ħ.	,
R0036	ERJ3GEYJ103	M.RESISTOR CH 1/16W 4.7K 1		<u> </u>			1	
				CNICCOA	F22004004	CONNECTOR	-	
R0042	ERJ3GEYJ470			CN0001	533091891	CONNECTOR	1	
R0044	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 1		CN0002	HR10A10R12SB	CONNECTOR	1	
R0045	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33 1		CN0003,04	BNCDRD	CONNECTOR	2	
R0046	ERJ3RBD202	M.RESISTOR CH 1/16W 2K 1						
R0047	ERJ3RBD123	M.RESISTOR CH 1/16W 12K 1		D0001	LN277RPX	LED	1	
R0048	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 1						
R0050	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		FL0001,02	J0JDC0000009	FILTER	2	
R0051	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47 1						
R0052	ERJ3RBD303	M.RESISTOR CH 1/16W 30K 1		R0001	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R0053	ERJ3RBD203	M.RESISTOR CH 1/16W 20K 1						
R0054	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 1				MISCELLANEOUS		
R0055	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1				MIGGELERIVEGGG		
					10100101	CONTROL AND E	١.	
R0057-59	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180 3			1B1B010A	CONNECTOR ANGLE	1	
R0060	ERJ3RBD473	M.RESISTOR CH 1/16W 47K 1			LH55	HOLDER	1	
R0061	ERJ3RBD302	M.RESISTOR CH 1/16W 3K 1						
R0062	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 1						
R0063	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1						
R0064	ERJ3RBD243	M.RESISTOR CH 1/16W 24K 1						
R0065	ERJ3RBD223	M.RESISTOR CH 1/16W 22K 1						
R0066	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 1		■ E10	VEP20871A	IF (MAIN) P.C.BOARD	1	(RTL)
R0067	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1						
R0068	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330 1						
R0069	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		P1	K1AB120A0002	CONNECTOR (FEMALE)	4	
R0009	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330 2		P1	K1MM21B00004	CONNECTOR (FEMALE)	1	
							1	
R0072	ERJ3GEYJ103			P3	K1MM16B00004	CONNECTOR	1	
R0073	ERJ3RBD473	M.RESISTOR CH 1/16W 47K 1						
R0074	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K 1		U1	TC7W08F	IC	1	C0JBAA000206
R0076,77	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 2		L				
R0078	ERJ3GEYJ914	M.RESISTOR CH 1/16W 910K 1		L		MISCELLANEOUS		
R0079	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1					L	
R0080	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47 1		1	VMA0J32	CONNECTOR ANGLE (MAIN)	1	
R0081,82	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K 2						
R0083,84	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 2						
R0085,86	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K 2						
R0087	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K 1						
R0088	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1						
				 				
R0089	ERJ3GEYJ821			 			1	
R0090,91	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 2		 			1	
R0092	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68 1		ļ				
R0093	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1						
R0094	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K 1					L	
R0095	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K 1						
	ERJ3GEYJ623	M.RESISTOR CH 1/16W 62K 2						
R0096,97		M.RESISTOR CH 1/16W 10K 2			1			
	ERJ3GEYJ103				1	1		
R0098,99	ERJ3GEYJ103 ERJ3GEYJ104							
	ERJ3GEYJ103 ERJ3GEYJ104							
R0098,99								

ELECTRICAL REPLACEMENT PA

1 (RTL)

■ E1

WE300EKD1B

DRIVE P.C.BOARD

	LIST	T		AW-E300
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P0301	YW525881890	CONNECTOR	1	
Q0001-03	2SB1218AHL	TRANSISTOR	3	
Q0004	2SC4176	TRANSISTOR	1	B1ABDB000014
Q0005	2SA1610	TRANSISTOR	1	
Q0006-08	2SD1819AHL	TRANSISTOR	3	
Q0009	2SB1218AHL	TRANSISTOR	1	
Q0010,11	2SD1819AHL	TRANSISTOR	2	
Q0012	2SB1218AHL	TRANSISTOR	1	
Q0013	2SB09700HL	TRANSISTOR	1	
Q0014	2SD1819AHL	TRANSISTOR	1	
Q0015	2SD13280HL	TRANSISTOR	1	
Q0016	2SB1218AHL	TRANSISTOR	1	
20004	ED 100E) (0D00	M DECICEO OU 1/10M		
R0001	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0003,04 R0005	ERJ3GEYJ470 ERJ3GEYJ473	M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 47K	1	
R0006,07	ERJ3GEYJ151	M.RESISTOR CH 1/16W 47K	2	
R0008	ERJ3GEY0R00	M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 0	1	
R0000	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R0011	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R0012-27	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	16	
R0028-30	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R0031-33	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R0034-36	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R0037	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R0038-40	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R0041-43	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R0044-46	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	3	
R0047,48	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	2	
R0049	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0050	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0051	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R0052	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R0053	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R0054	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R0055 R0056	ERJ3RBD303 ERJ3GEYG102	M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 1K	1	
R0057	ERJ3GEYJ331	M.RESISTOR CH 1/16W 1R	1	
R0058	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R0059	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R0060,61	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R0062	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	1	
R0063	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R0064	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0065	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R0066	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0067	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R0068,69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R0070-72	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	3	
R0101	EVM7JGA00B25	V.RESISTOR 200K	1	
R0102	EVM7JGA00B15	V.RESISTOR 100K	1	
R0201	EVM7JGA00B25	V.RESISTOR 200K	1	
R0202	EVM7JGA00B15	V.RESISTOR 100K	1	
R0301	EVM7JGA00B25	V.RESISTOR 200K	1	
R0302	EVM7JGA00B15	V.RESISTOR 100K	1	
			-	
J0001	YWTC7SH04F	IC	1	
U0002	C0JBAE000004	IC	1	
U0003	CXD2454A	IC	1 2	
J0004,05 J0006	TC7SH32F	IC IC	1	
	C1AB00000340	Ю	_	
	MC74ACT04DT	IC.	4	
J0008	MC74ACT04DT MC74ACT541DT	IC IC	1	

					Q0001-03	2SB1218AHL	TRANSISTOR	3	
■ E2	WE300EKC1A	PRE AMP P.C.BOARD	1 (RTL)	Q0004	2SC4176	TRANSISTOR	1	B1ABDB000014
				,	Q0005	2SA1610	TRANSISTOR	1	
■ E3	WE300EKB1A	SENSOR P.C.BOARD	1 /	RTL)	Q0006-08	2SD1819AHL	TRANSISTOR	3	
= L3	WESOULKBIA	SENSON F.C.BOAND	- ''	ICIE)				-	
					Q0009	2SB1218AHL	TRANSISTOR		
E4	VEP20870A	IF (HEAD) P.C.BOARD	1 (RTL)	Q0010,11	2SD1819AHL	TRANSISTOR	2	
					Q0012	2SB1218AHL	TRANSISTOR	1	
■ E5	WE300EKZ2A	PRE PROCESS P.C.BOARD	1 (RTL)	Q0013	2SB09700HL	TRANSISTOR	1	
					Q0014	2SD1819AHL	TRANSISTOR	1	
■ E6	WE300EKD2A	JOINT P.C.BOARD	1 (RTL)	Q0015	2SD13280HL	TRANSISTOR	1	
					Q0016	2SB1218AHL	TRANSISTOR	1	
■ E7	WE300EKZ1B	DSP/ENC P.C.BOARD	1 /	RTL)				_	
	WEGGGEREIB	BOLVENO L'O'BOARD	- ''	itte)	B0001	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	- 1	
	=				R0001				
■ E8	WE300EKB2A	POWER P.C.BOARD	1 (RTL)	R0003,04	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
					R0005	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
■ E9	WE300EKC2A	POWER SUB P.C.BOARD	1 (RTL)	R0006,07	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
					R0008	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
■ E10	VEP20871A	IF (MAIN) P.C.BOARD	1 (RTL)	R0010	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
					R0011	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
					R0012-27	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	16	
			-					3	
	1		+		R0028-30	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	-	
	+		++		R0031-33	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
	1	1	\perp		R0034-36	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
			\perp		R0037	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
	1				R0038-40	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
					R0041-43	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
					R0044-46	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	3	
			\dagger		R0047,48	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	2	
					R0049	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	1	1	+		R0050	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	<u> </u>	
								- - :	
					R0051	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
					R0052	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
					R0053	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
■ E1	WE300EKD1B	DRIVE P.C.BOARD	1 (RTL)	R0054	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
					R0055	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
					R0056	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
C0001	F3H1A2260003	T.CAPACITOR CH 10V 22U	1		R0057	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
C0002	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		R0058	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
								1	
C0003-11	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	9		R0059	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	+ '	
C0012	F3G1V2250001	T.CAPACITOR CH 35V 2.2U	1		R0060,61	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
C0013	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		R0062	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	1	
C0014	F3G1C1060002	T.CAPACITOR CH 16V 10U	1		R0063	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
C0015,16	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2		R0064	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
C0017,18	SK41C336MC	T.CAPACITOR CH 16V 33U	2		R0065	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
C0019	F3H1A2260003	T.CAPACITOR CH 10V 22U	1		R0066	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C0020-22	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3		R0067	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
C0023-25	F1J1A2250003	C.CAPACITOR CH 10V 2.2U	3		R0068,69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
	F1H1E104A016	C.CAPACITOR CH 25V 0.1U						3	
C0026-28			3		R0070-72	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	+	
C0029	F3H1E1060005	T.CAPACITOR CH 25V 10U	1		R0101	EVM7JGA00B25	V.RESISTOR 200K	1	
C0030	SK41C336MC	T.CAPACITOR CH 16V 33U	1		R0102	EVM7JGA00B15	V.RESISTOR 100K	1	
C0031	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1		R0201	EVM7JGA00B25	V.RESISTOR 200K	1	
C0032	F1H1H102A190	C.CAPACITOR CH 50V 1000P	1		R0202	EVM7JGA00B15	V.RESISTOR 100K	1	
C0033-38	F1J1H104A428	C.CAPACITOR CH 50V 0.1U	6		R0301	EVM7JGA00B25	V.RESISTOR 200K	1	
C0039-41	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3		R0302		V.RESISTOR 100K	1	
C0042	F3H1V6850002	T.CAPACITOR CH 35V 6.8U	1			1	7	Ė	
C0042	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		U0001	YWTC7SH04F	IC	1	
			1			COJBAE000004	IC IC	+-!	
C0044	F3H1V6850002	T.CAPACITOR CH 35V 6.8U	1		U0002			+¹	
C0045	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		U0003	CXD2454A	IC	1	
C0046	SK41C336MC	T.CAPACITOR CH 16V 33U	1		U0004,05	TC7SH32F	IC	2	
C0047	F3F1A1060001	T.CAPACITOR CH 10V 10U	1		U0006	C1AB00000340	IC	1	
C0048	SK41C336MC	T.CAPACITOR CH 16V 33U	1		⚠ U0007	MC74ACT04DT	IC	1	
C0051	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		U0008	MC74ACT541DT	IC	1	
			\dagger		U0009	YW78L05UA	IC	1	
D0001	MA121	DIODE	1		U0010	NJM2904D	IC	1	
D0001			2			C0JBAB000005	IC	1	
	MA3J14300L	DIODE	-		U0011	CUUDADUUUUO		┼-	
D0004	MA121	DIODE	1		-	1		₩	
D0005	MA159	DIODE	1				MISCELLANEOUS	₩	
		1						\perp	
L0001	YWNL324R7J	COIL	1		_	BP120J1	LEAD	1	
P0001	K1MM21B00003	CONNECTOR	1					\vdash	
		CONNECTOR	1			1		\vdash	
		IOONNECTOR	1 1					₩	
P0101	YW525881890	CONNECTOR	1 .						
	YW525881890 YW525881890	CONNECTOR	1					-	
P0101		CONNECTOR	1					L	

	ı	T		1		1		AW-E3005
Ref.No.	Part No.	Part Name & Description Po	s Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
_				R0208	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
■ E2	WE300EKC1A	PRE AMP P.C.BOARD	(RTL)	R0209	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
				R0210	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
00004	SK41C336MC	T CARACITOR CILIANA 2211	1	R0211	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
C0001			1	R0212	ERJ3RBD621	M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 3K	1	
C0002 C0003	F3F1A1060001 F3F1A225A003			R0213 R0214	ERJ3GEYJ302 ERJ3RBD621	M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620	1	
C0005	F3F1A1060001	T.CAPACITOR CH 10V 2.20		R0214 R0215	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
C0005	F3H1A1070001		2	R0216	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
C0008	F2H1A4710001			R0217	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
C0102	F3F1A1060001	T.CAPACITOR CH 10V 10U		R0218	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
C0104	F3F1A1060001	T.CAPACITOR CH 10V 10U		R0219	ERJ3GEYJ112	M.RESISTOR CH 1/16W 1.1K	1	
C0105	SK41C336MC		1	R0220	EVM7JGA00B52	V.RESISTOR 500	1	
C0202	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0301	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	1	
C0204	F3F1A1060001		1	R0302	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	1	
C0205	SK41C336MC	T.CAPACITOR CH 16V 33U		R0303	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
C0302	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0304	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
C0304	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0305	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
C0305	SK41C336MC	T.CAPACITOR CH 16V 33U	1	R0306	EVM7JGA00B23	V.RESISTOR 2K	1	
				R0307	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
P0001	K1MM16B00003	CONNECTOR	1	R0308	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
P0101	YW525881890	CONNECTOR	I	R0309	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
P0201	YW525881890	CONNECTOR	I	R0310	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
P0301	YW525881890	CONNECTOR	1	R0311	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
				R0312	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
Q0001	2SB0766AHL	TRANSISTOR	1	R0313	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	1	
Q0003	2SB0766AHL	TRANSISTOR		R0314	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
Q0101	2SA15320CL	TRANSISTOR	1	R0315	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
Q0102-04	2SC39310YL	TRANSISTOR	3	R0316	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
Q0105-07	2SA15320CL	TRANSISTOR	3	R0317	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
Q0108	2SC39310YL		1	R0318	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
Q0201	2SA15320CL			R0319	ERJ3GEYJ112	M.RESISTOR CH 1/16W 1.1K	1	
Q0202-04	2SC39310YL		3	R0320	EVM7JGA00B52	V.RESISTOR 500	1	
Q0205-07	2SA15320CL	TRANSISTOR						
Q0208	2SC39310YL			U0001	NJM2904D	IC	1	
Q0301	2SA15320CL	TRANSISTOR		U0002	ML6420-7	IC	1	
Q0302-04	2SC39310YL	TRANSISTOR						
Q0305-07	2SA15320CL		3	W0006	BP120J1	LEAD	1	
Q0308	2SC39310YL	TRANSISTOR						
R0001,02	ERJ3RBD103		2					
R0003	ERJ3RBD123	M.RESISTOR CH 1/16W 12K						
R0004	ERJ3RBD113			= 50	WEGGGEROAA	OFNIGOR R G ROADR		(DTL)
R0005	ERJ3GEYG102 ERJ3RBD123	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 12K	1	■ E3	WE300EKB1A	SENSOR P.C.BOARD	1	(RTL)
R0007-09 R0010								
R0010	ERJ3RBD392 ERJ3GEYG102		1	C0001	F3H1E4750002	T.CAPACITOR CH 25V 4.7U	1	
R0013-15	ERJ3GEYF750		3	C0001	F1H1H222A190	C.CAPACITOR CH 50V 2200P	1	
R0101	ERJ3GEYJ622		1	C0002	F3H1C4750001	T.CAPACITOR CH 16V 4.7U	1	
R0102	ERJ3GEYJ511			C0004	F3H0J4760002	T.CAPACITOR CH6.3V 47U	1	
R0102 R0103	ERJ3GEYJ100		1	C0004 C0005	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
R0103	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		55005			1 '	
R0105				COOOR	IF3F1D2250002	T.CAPACITOR CH 20V 2 2U	1	
	IERJ3GEY.1271			C0006 C0007	F3F1D2250002 F3H1A1070001	T.CAPACITOR CH 20V 2.2U T.CAPACITOR CH 10V 100U	1	
	ERJ3GEYJ271 EVM7JGA00B23	M.RESISTOR CH 1/16W 270		C0006 C0007	F3F1D2250002 F3H1A1070001	T.CAPACITOR CH 20V 2.2U T.CAPACITOR CH 10V 100U	1	
R0106	EVM7JGA00B23	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K		C0007	F3H1A1070001	T.CAPACITOR CH 10V 100U		
R0106 R0107	EVM7JGA00B23 ERJ3RBD222	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K		l			1 1 2	
R0106	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K		C0007	F3H1A1070001	T.CAPACITOR CH 10V 100U		
R0106 R0107 R0108	EVM7JGA00B23 ERJ3RBD222	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K		C0007 L0001,02	F3H1A1070001 G1C150J00002	T.CAPACITOR CH 10V 100U COIL 15UH	2	
R0106 R0107 R0108 R0109	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K		C0007 L0001,02	F3H1A1070001 G1C150J00002 533091891	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR	2	
R0106 R0107 R0108 R0109 R0110	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K		C0007 L0001,02 P0001,02	F3H1A1070001 G1C150J00002	T.CAPACITOR CH 10V 100U COIL 15UH	2	
R0106 R0107 R0108 R0109 R0110 R0111	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270		C0007 L0001,02 P0001,02	F3H1A1070001 G1C150J00002 533091891 2SC39310YL	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR	2 2	
R0106 R0107 R0108 R0109 R0110 R0111 R0112	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470		C0007 L0001,02 P0001,02	F3H1A1070001 G1C150J00002 533091891 2SC39310YL	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR	2 2	
R0106 R0107 R0108 R0109 R0110 R0111 R0112 R0113	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K		C0007 L0001,02 P0001,02 Q0001 Q0002	F3H1A1070001 G1C150J00002 533091891 28C39310YL 28A15320CL	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR	2 2	
R0106 R0107 R0108 R0109 R0110 R0111 R0112 R0113 R0114	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3RBD621	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820	2 2 1 1 1	
R0106 R0107 R0108 R0109 R0110 R0111 R0112 R0113 R0114 R0115	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3RBD621 ERJ3GEYG102	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 1K		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEYJ331	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330	2 2 1 1 1	
R0106 R0107 R0108 R0109 R0110 R0111 R0112 R0113 R0114 R0115 R0116	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3RBD621 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYJ821	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 8.20 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 10K		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEYJ821 ERJ3GEYJ831 ERJ3GEY0800	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 0	2 2 1 1 1	
R0106 R0107 R0108 R0109 R0110 R0111 R0112 R0113 R0114 R0115 R0116 R0117	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3RBD621 ERJ3GEYG102 ERJ3GEYJ821 ERJ3GEYJ821	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEYJ331 ERJ3GEY0800 ERJ3GEYJ302	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 3K	2 2 1 1 1	
R0106 R0107 R0108 R0109 R0110 R0111 R0112 R0113 R0114 R0115 R0116 R0117	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG152 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3GEYG102 ERJ3GEYJ8021 ERJ3GEYJ803 ERJ3GEYJ103 ERJ3GEYJ103	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 16W M.RESISTOR CH 1/16W 16W M.RESISTOR CH 1/16W 16W M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEYJ331 ERJ3GEYJ331 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ000	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 0	2 2 1 1 1	
R0106 R0107 R0108 R0109 R0110 R0111 R0112 R0113 R0114 R0115 R0116 R0117 R0118 R0119	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ100 ERJ3GEYJ112	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 16K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005 R0007	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEYJ833 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 10	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
R0106 R0107 R0108 R0109 R01109 R0111 R01112 R0113 R0114 R0115 R0116 R0116 R0117 R0118 R0119 R0120	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ1112 EVM7JGA00B52	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 320 M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 1.1K V.RESISTOR CH 1/16W 1.1K		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005 R0007	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEYJ833 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEY0R00	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 10	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
R0106 R0107 R0108 R0109 R0110 R0111 R0111 R0111 R0111 R0115 R0116 R0117 R0118 R0119 R0120 R0201	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYG332 ERJ3GEYG332 ERJ3GEYG152 ERJ3GEYJ271 ERJ3GEYJ271 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ102 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ1100 ERJ3GEYJ1112 EVM7JGA00B52 ERJ3GEYJ622	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 8.20 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 6.2K M.RESISTOR CH 1/16W 510		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005 R0007 R0008	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEY0801 ERJ3GEY0800 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 3.9K	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
R0106 R0107 R0108 R0109 R0110 R0111 R01112 R0113 R0114 R0115 R0116 R0117 R0118 R0119 R0119 R0120 R0201	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG152 ERJ3GEYG152 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ1103 ERJ3GEYJ1102 ERJ3GEYJ1102 ERJ3GEYJ1102 ERJ3GEYJ1102 ERJ3GEYJ1112 EVM7JGA00B52 ERJ3GEYJ511	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 8.20 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 1.1K V.RESISTOR CH 1/16W 6.2K M.RESISTOR CH 1/16W 6.2K M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 10		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005 R0007 R0008	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEY0801 ERJ3GEY0800 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 3.9K	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
R0106 R0107 R0108 R0109 R01109 R0111 R0111 R0111 R0113 R0114 R0116 R0117 R0118 R0119 R0120 R0202 R0203	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG152 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ112 EVM7JGA00B52 ERJ3GEYJ622 ERJ3GEYJ511 ERJ3GEYJ511	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 1.1K V.RESISTOR CH 1/16W 6.2K M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005 R0007 R0008	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEY0801 ERJ3GEY0800 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 36 M.RESISTOR CH 1/16W 36 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 3.9K IC	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
R0106 R0107 R0108 R0109 R0109 R0111 R0110 R0110 R0110 R0100 R0201 R0200 R0200	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG152 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ100 ERJ3GEYJ112 EVM7JGA00B52 ERJ3GEYJ511 ERJ3GEYJ511 ERJ3GEYJ5110 ERJ3GEYJ5110 ERJ3GEYJ5100 ERJ3GEYJ51100 ERJ3GEYJ5100	M.RESISTOR CH 1/16W 270 V.RESISTOR 2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 1.1K V.RESISTOR CH 1/16W 1.1K V.RESISTOR CH 1/16W 6.2K M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 10		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005 R0007 R0008	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEY0801 ERJ3GEY0800 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 36 M.RESISTOR CH 1/16W 36 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 3.9K IC	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
R0106 R0107 R0108 R0109 R01109 R0111 R0111 R01112 R0113 R0114 R0115 R0116 R0117 R0118 R0119 R0120 R0201 R0201 R0203 R0204 R0205	EVM7JGA00B23 ERJ3RBD222 ERJ3GEYJ821 ERJ3GEYG152 ERJ3GEYG152 ERJ3GEYJ271 ERJ3RBD471 ERJ3GEYJ302 ERJ3GEYJ302 ERJ3GEYJ821 ERJ3GEYJ103 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ111 EVM7JGA00B52 ERJ3GEYJ511 ERJ3GEYJ100 ERJ3GEYJ511 ERJ3GEYJ511 ERJ3GEYJ511 ERJ3GEYJ511	M.RESISTOR CH 1/16W 270 V.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 3.2M M.RESISTOR CH 1/16W 3.5K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 270 M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 620 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 1.1K V.RESISTOR CH 1/16W 1.1K V.RESISTOR CH 1/16W 510 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 11 M.RESISTOR CH 1/16W 11 M.RESISTOR CH 1/16W 11 M.RESISTOR CH 1/16W 11 M.RESISTOR CH 1/16W 1.8K		C0007 L0001,02 P0001,02 Q0001 Q0002 R0001 R0002 R0003 R0004 R0005 R0007 R0008	F3H1A1070001 G1C150J00002 533091891 2SC39310YL 2SA15320CL ERJ3GEYJ821 ERJ3GEYJ331 ERJ3GEYJ332 ERJ3GEYJ302 ERJ3GEYJ000 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100 ERJ3GEYJ100	T.CAPACITOR CH 10V 100U COIL 15UH CONNECTOR TRANSISTOR TRANSISTOR M.RESISTOR CH 1/16W 820 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 3.9K IC MISCELLANEOUS	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

									<u>AW-E300SE</u>
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
					C0215	F3H1A1070006	T.CAPACITOR CH 10V 100U	1	
					C0216	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
					C0218	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	
					C0219	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
■ E4	VEP20870A	IF (HEAD) P.C.BOARD	1	(RTL)	C0220	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
					C0221-26	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	6	
					C0227	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C1	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		C0228	F1H1H270A231	C.CAPACITOR CH 50V 27P	1	
C2	EEUFC1E102	E.CAPACITOR 25V 1000U	1		C0231	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
					C0232	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
P1	K1AA120A0002	CONNECTOR (MALE)	1		C0234	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
P2	K1MM21B00004	CONNECTOR	1		C0235	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
P3	K1MM16B00004	CONNECTOR	1		C0236	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
D4	ED IOCEVODOO	M DECICTOR OU 4/40M	1		C0237-41	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	5	
R1	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	-		C0302	F1H1E104A016	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 2P		
		MISCELLANEOUS			C0304 C0305,06	F1H1H2R0A260 F1H1A105A004	C.CAPACITOR CH 50V 2P C.CAPACITOR CH 10V 1U	2	
		MISCELLANEOUS			C0309	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
	VMA0J29	CONNECTOR ANGLE (HEAD)	1		C0309	F1H1H471A004	C.CAPACITOR CH 50V 470P	1	
	XSN26+4FC	SCREW	2		C0311	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
	X01420141 0	OOKEW			C0312	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
					C0313	F1H1H3R0A255	C.CAPACITOR CH 50V 3P	1	
					C0314	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	+ 1	
					C0315	F3H1A1070006	T.CAPACITOR CH 10V 100U	1	
					C0316	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
■ E5	WE300EKZ2A	PRE PROCESS P.C.BOARD	1	(RTL)	C0318	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	
					C0319	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
					C0320	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
C0001	F1H1A105A004	C.CAPACITOR CH 10V 1U	1		C0321-26	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	6	:
C0002	F1H1H151A231	C.CAPACITOR CH 50V 150P	1		C0327	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0003	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		C0328	F1H1H270A231	C.CAPACITOR CH 50V 27P	1	
C0004	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1		C0331	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0007,08	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2		C0332	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
C0009	SK41C336MC	T.CAPACITOR CH 16V 33U	1		C0334	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0011	SK41C336MC	T.CAPACITOR CH 16V 33U	- 1		C0335	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
C0012	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		C0336	F3G1C1560001	T.CAPACITOR CH 16V 15U	1	
C0013	SK41C336MC	T.CAPACITOR CH 16V 33U	1		C0337-41	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	5	i
C0014	F3H1A1070001	T.CAPACITOR CH 10V 100U	1						
C0015	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		D0001	MA142K	DIODE	1	
C0016	F3H1A4760005	T.CAPACITOR CH 10V 47U	1		D0101	MA142K	DIODE	1	
C0021-24	F3F1A225A003	T.CAPACITOR CH 10V 2.2U	4		D0201	MA142K	DIODE	1	
C0025-32	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	8		D0301	MA142K	DIODE	1	
C0033-35	F1H1A105A004	C.CAPACITOR CH 10V 1U	3						
C0102	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		J0001	K1MR70B00002	CONNECTOR	1	
C0104	F1H1H2R0A260	C.CAPACITOR CH 50V 2P	1						
C0105,06	F1H1A105A004	C.CAPACITOR CH 10V 1U	2		Q0001	2SB07660HL	TRANSISTOR	1	
C0109	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0002	2SD0874AHL	TRANSISTOR	1	
C0110	F1H1H471A004	C.CAPACITOR CH 50V 470P	1		Q0003	2SB07660HL	TRANSISTOR	1	
C0111	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0004,05	2SB1218A-R	TRANSISTOR	2	
C0112	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0101	2SC39310YL	TRANSISTOR	1	
C0114	F1H1H3R0A255	C.CAPACITOR CH 25V 0.1U	1		Q0102	XN0653400L	TRANSISTOR	+ 1	
C0114	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0103	2SC39310YL	TRANSISTOR TRANSISTOR	+ 1	
C0115 C0116	F3H1A1070006 F3G1C1560001	T.CAPACITOR CH 10V 100U T.CAPACITOR CH 16V 15U	1		Q0104 Q0105	2SK662-PQR XN0653400L	TRANSISTOR TRANSISTOR	1	
C0116 C0118	F1H1A105A004	C.CAPACITOR CH 16V 15U	1		Q0105 Q0106-08	XN0653400L XN0643500L	TRANSISTOR	3	
C0118	F1H1E104A016	C.CAPACITOR CH 10V 10	1		Q0106-08 Q0110	XN0643500L XN0643500L	TRANSISTOR	1	
C0119	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1		Q0110 Q0111	2SK662-PQR	TRANSISTOR	+ '	
C0120	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	6		Q0111	B1GKCFAA0009	TRANSISTOR	1	
C0127	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0112-16	XN0643500L	TRANSISTOR	1	
C0128	F1H1H270A231	C.CAPACITOR CH 50V 27P	1		Q0117,18	2SA15320CL	TRANSISTOR	2	
C0131	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0119	2SC39310YL	TRANSISTOR	1	
C0132	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1		Q0113	2SK662-PQR	TRANSISTOR	1	
C0134	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0121	XN0643500L	TRANSISTOR	1	
C0135	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0122	2SC39310YL	TRANSISTOR	1	
C0136	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0201	2SC39310YL	TRANSISTOR	1	
C0137-41	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	5		Q0202	XN0653400L	TRANSISTOR	1	
C0202	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0203	2SC39310YL	TRANSISTOR	1	
C0204	F1H1H4R9A243	C.CAPACITOR CH 50V 4.9P	1		Q0204	2SK662-PQR	TRANSISTOR	1	
C0205,06	F1H1A105A004	C.CAPACITOR CH 10V 1U	2		Q0205	XN0653400L	TRANSISTOR	1	
C0209	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0206-08	XN0643500L	TRANSISTOR	3	
C0210	F1H1H471A004	C.CAPACITOR CH 50V 470P	1		Q0210	XN0643500L	TRANSISTOR	1	
C0211	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0211	2SK662-PQR	TRANSISTOR	1	
C0212	F3G1C1560001	T.CAPACITOR CH 16V 15U	1		Q0212	B1GKCFAA0009	TRANSISTOR	1	
C0213	F1H1H3R0A255	C.CAPACITOR CH 50V 3P	1		Q0213-16	XN0643500L	TRANSISTOR	4	
C0214	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1		Q0217,18	2SA15320CL	TRANSISTOR	2	

					1			AW-E30051
Ref.No.	Part No.	Part Name & Description Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q0219	2SC39310YL	TRANSISTOR 1		R0131	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
Q0220	2SK662-PQR	TRANSISTOR 1		R0132	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
Q0221	XN0643500L	TRANSISTOR 1		R0133	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
Q0222	2SC39310YL	TRANSISTOR 1		R0134	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
Q0301	2SC39310YL	TRANSISTOR 1		R0135	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
Q0302	XN0653400L	TRANSISTOR 1		R0136	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
Q0303	2SC39310YL	TRANSISTOR 1		R0137	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
Q0304	2SK662-PQR	TRANSISTOR 1		R0138	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
Q0305	XN0653400L	TRANSISTOR 1		R0139	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
Q0306-08	XN0643500L	TRANSISTOR 3		R0140	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
Q0310	XN0643500L	TRANSISTOR 1		R0142	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
Q0311	2SK662-PQR	TRANSISTOR 1		R0143	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
Q0312	B1GKCFAA0009	TRANSISTOR 1		R0144	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
Q0313-16	XN0643500L	TRANSISTOR 4		R0145,46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
Q0317,18	2SA15320CL	TRANSISTOR 2		R0147	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
Q0319	2SC39310YL	TRANSISTOR 1 TRANSISTOR 1		R0148	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
Q0320	2SK662-PQR			R0149	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
Q0321	XN0643500L	TRANSISTOR 1 TRANSISTOR 1		R0150	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
Q0322	2SC39310YL	TRANSISTOR 1		R0151,52	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
D0004	ED 120EV 1224	M DECICTOR CIL 4/4CW 220V		R0153	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R0001	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K 1 M.RESISTOR CH 1/16W 220K 1		R0154	ERJ3GEYJ823 ERJ3GEYG682	M.RESISTOR CH 1/16W 82K	1	
R0002 R0003	ERJ3GEYJ224 ERJ3GEYJ333	M.RESISTOR CH 1/16W 220K 1 M.RESISTOR CH 1/16W 33K 1		R0155 R0156	ERJ3GEYG682 ERJ3GEYJ222	M.RESISTOR CH 1/16W 6.8K	1	
R0003	ERJ3GEYJ333 ERJ3GEYJ203	M.RESISTOR CH 1/16W 33K 1 M.RESISTOR CH 1/16W 20K 1		R0156 R0157	ERJ3GEYJ222 ERJ3GEYJ101	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 100	1	
				-			1	
R0005 R0006	ERJ3GEYJ334 ERJ3GEYJ224	M.RESISTOR CH 1/16W 330K 1 M.RESISTOR CH 1/16W 220K 1		R0158 R0160	ERJ3GEYJ222 ERJ3GEYJ103	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K	1	
R0006	ERJ3GEYJ224 ERJ3GEYJ103	M.RESISTOR CH 1/16W 220K 1		R0160	ERJ3GEYJ103 ERJ3GEYJ101	M.RESISTOR CH 1/16W 10K	1	
R0007 R0008	ERJ3GEYJ103 ERJ3GEYG102	M.RESISTOR CH 1/16W 10K 1 M.RESISTOR CH 1/16W 1K 1		R0161 R0162	ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K	1	
R0008 R0009-13	ERJ3RBD473	M.RESISTOR CH 1/16W 1K 1		R0162 R0163	ERJ3GEYJ103 ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0009-13	ERJ3RBD473 ERJ3RBD513	M.RESISTOR CH 1/16W 47K 5		R0163	ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0015	ERJ3RBD473	M.RESISTOR CH 1/16W 47K 1		R0165	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0016	ERJ3RBD393	M.RESISTOR CH 1/16W 39K 1		R0166	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0017	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0167	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0018,19	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 2		R0168	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R0020	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0169	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R0021,22	ERJ3RBD473	M.RESISTOR CH 1/16W 47K 2		R0170	ERJ3GEYJ914	M.RESISTOR CH 1/16W 910K	1	
R0024	ERJ3RBD623	M.RESISTOR CH 1/16W 62K 1		R0171	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R0025	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0172	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K	1	
R0026	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0173	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R0027	ERJ3RBD103	M.RESISTOR CH 1/16W 10K 1		R0174	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R0029	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0175	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R0030	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K 1		R0176	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0032	ERJ3RBD563	M.RESISTOR CH 1/16W 56K 1		R0177	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0033,34	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 2		R0178	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R0088	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K 1		R0179,80	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R0089	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K 1		R0181	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0090	ERJ3RBD751	M.RESISTOR CH 1/16W 750 1		R0182	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R0091	ERJ3RBD102	M.RESISTOR CH 1/16W 1K 1		R0183	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0092	ERJ3RBD121	M.RESISTOR CH 1/16W 120 1		R0184	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R0093	ERJ3RBD331	M.RESISTOR CH 1/16W 330 1		R0185	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0094	ERJ3GEYF470	M.RESISTOR CH 1/16W 47 1		R0186	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R0095	ERJ3RBD181	M.RESISTOR CH 1/16W 180 1		R0187	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0096	ERJ3GEYF470	M.RESISTOR CH 1/16W 47 1		R0188	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0097	ERJ3RBD101	M.RESISTOR CH 1/16W 100 1		R0189	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0098	ERJ3GEYF150V	M.RESISTOR CH 1/16W 15 1		R0190	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R0103	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0191	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0104,05	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K 2		R0192	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R0106,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 2		R0195	ERJ3GEYF750	M.RESISTOR CH 1/16W 75	1	
R0108	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K 1		R0196	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R0109	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0197	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0110	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10 1		R0198	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R0111,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 2		R0203	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0114-16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 3		R0204,05	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R0117	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0206,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R0118	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16K 1		R0208	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R0119	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K 1		R0209	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0120	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K 1		R0210	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R0121	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K 1		R0211,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R0123	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0214-16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	3	
R0124	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51 1		R0217	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0125	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0218	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16K	1	
R0126	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0219	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R0127,28	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K 2		R0220	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R0129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 1		R0221	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R0130	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0223	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
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Ref.No.	Part No.	Part Name & Description Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0224	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51 1		R0317	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0225	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0318	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16K	1	
R0226	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0319	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R0227,28	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K 2		R0320	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R0229	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 1		R0321	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R0230	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0323	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0231	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K 1		R0324	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
R0232	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0325	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0233	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0326	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0234	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 1		R0327,28	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R0235	ERJ3GEYG471	M.RESISTOR CH 1/16W 470 1		R0329	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0236	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680 1		R0330	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0237	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		R0331	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R0238	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K 1		R0332	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0239	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K 1		R0333	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0240	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K 1		R0334	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0242	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K 1		R0335	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R0243	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0336	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R0244	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K 1		R0337	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0245,46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 2		R0338	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R0247	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0339	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R0248	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0340	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R0249	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0342	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R0250	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K 1		R0343	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0251,52	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 2		R0344	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R0253	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K 1		R0345,46	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R0254	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K 1 M.RESISTOR CH 1/16W 6.8K 1		R0347	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0255 R0256	ERJ3GEYG682 ERJ3GEYJ222			R0348 R0349	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
					ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0257 R0258	ERJ3GEYJ101 ERJ3GEYJ222	M.RESISTOR CH 1/16W 100 1 M.RESISTOR CH 1/16W 2.2K 1		R0350 R0351,52	ERJ3GEYJ392 ERJ3GEYJ223	M.RESISTOR CH 1/16W 3.9K M.RESISTOR CH 1/16W 22K	2	
R0256	ERJ3GEYJ103	M.RESISTOR CH 1/16W 2.2K		R0351,32	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R0260	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0353	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R0262	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		R0355	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	- 1	
R0263	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0356	ERJ3GEYJ222	M.RESISTOR CH 1/16W 0.6K	1	
R0264	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		R0357	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0265	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0358	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	- 1	
R0266	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 1		R0360	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0267	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0361	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0268	ERJ3RBD153	M.RESISTOR CH 1/16W 15K 1		R0362	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0269	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330 1		R0363	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0270	ERJ3GEYJ914	M.RESISTOR CH 1/16W 910K 1		R0364	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0271	ERJ3RBD203	M.RESISTOR CH 1/16W 20K 1		R0365	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0272	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K 1		R0366	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R0273	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K 1		R0367	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0274	ERJ3RBD751	M.RESISTOR CH 1/16W 750 1		R0368	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R0275	ERJ3RBD683	M.RESISTOR CH 1/16W 68K 1		R0369	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R0276	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0370	ERJ3GEYJ914	M.RESISTOR CH 1/16W 910K	1	
R0277	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0371	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R0278	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K 1		R0372	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K	1	
R0279,80	ERJ3RBD471	M.RESISTOR CH 1/16W 470 2		R0373	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R0281	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0374	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R0282	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K 1		R0375	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R0283	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 1		R0376	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0284	ERJ3RBD202	M.RESISTOR CH 1/16W 2K 1		R0377	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0285	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0378	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R0286	ERJ3RBD102	M.RESISTOR CH 1/16W 1K 1		R0379,80	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R0287	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0381	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0288	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0382	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R0289	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0383	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0290	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K 1		R0384	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R0291	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K 1		R0385	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0292	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K 1		R0386	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R0295	ERJ3GEYF750	M.RESISTOR CH 1/16W 75 1		R0387	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0296	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K 1		R0388	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0297	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 1		R0389	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0298	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22 1		R0390	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R0303	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0391	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R0304,05	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K 2		R0392	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R0306,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 2		R0395	ERJ3GEYF750	M.RESISTOR CH 1/16W 75	1	
R0308	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K 1		R0396	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R0309	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K 1		R0397	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R0310	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10 1		R0398	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R0311,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K 2		R0701	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R0314-16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K 3		R0702	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	

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Ref.No.	Part No.	Part Name & Description Pc	s Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0703	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1					
R0706	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1					
R0721	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	C0001	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	
R0722	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	C0009	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
R0723	ERJ3GEYF510	M.RESISTOR CH 1/16W 51	1	C0011	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
R0724	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	C0012	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
R0725	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	C0013-16	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
R0726	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	C0017	F1H1H300A004	C.CAPACITOR CH 50V 30P	1	
R0727,28	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K		C0018	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
R0730	ERJ3RBD393	M.RESISTOR CH 1/16W 39K		C0019	F1H1H101A231	C.CAPACITOR CH 50V 100P	1	
R0731	ERJ3RBD203	M.RESISTOR CH 1/16W 20K		C0021	SK41C336MC	T.CAPACITOR CH 16V 33U	1	
R0731	ERJ3RBD103	M.RESISTOR CH 1/16W 10K		C0021	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
	ERJ3RBD472		1	C0022			1	
R0733	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	•	1	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	'	
				C0026-28	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	
RT0100	D4B101330001	THERMISTOR		C0030-56	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	27	
RT0200	D4B101330001	THERMISTOR		C0057	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
RT0300	D4B101330001	THERMISTOR	1	C0058	F1H1H101A231	C.CAPACITOR CH 50V 100P	1	
				C0059	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
S0001	SKHHLS	SWITCH	1	C0060	F3H0J2260003	T.CAPACITOR CH6.3V 22U	1	
S0002	SKHHLR	SWITCH	1	C0062	F1H1H102A190	C.CAPACITOR CH 50V 1000P	1	
S0003,04	SKHHLQ	SWITCH	2	C0063	F3H1A2260003	T.CAPACITOR CH 10V 22U	1	
				C0064	F1H1H101A231	C.CAPACITOR CH 50V 100P	1	
U0001	MC14050BF	IC	1	C0066-69	F3H1E1060004	T.CAPACITOR CH 25V 10U	4	
U0002	C0ABCA000035	IC	1	C0070	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0003	C0ABBB000115	IC .	1	C0073-76	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
U0005	TC4W53FU	IC	1	C0073-70	F3H0J6860004	T.CAPACITOR CH6.3V 68U	1	
U0006	NJM2059M		1 C0ABCB000023	C0077	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
	C5AB00000001	IC IC			F3F1A4750001	T.CAPACITOR CH 25V 0.1U	3	
U0007			4	C0082-84			3	
U0008	C0JBAA000148	IC .		C0085	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0101	MC14053BF	IC		C0086	F3H0J6860004	T.CAPACITOR CH6.3V 68U	1	
U0102,03	NJM4559M	IC :		C0087-90	F3F1A4750001	T.CAPACITOR CH 10V 4.7U	4	
U0104	NJM2904M	IC	1	C0092,93	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
U0105	C0ABBB000115	IC	1	C0094	F1H1H150A231	C.CAPACITOR CH 50V 22P	1	
U0108	TC4W53FU	IC	1	C0095,96	F1H1H103A199	C.CAPACITOR CH 50V 0.01U	2	
U0201	MC14053BF	IC	1	C0097	F1H1H150A231	C.CAPACITOR CH 50V 22P	1	
U0202,03	NJM4559M	IC :	2	C0098,99	YGM1C471J1HT	C.CAPACITOR 16V 470U	2	
U0204	NJM2904M	IC	1	C0105	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0205	C0ABBB000115	IC	1	C0107	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0208	TC4W53FU	IC	1	C0108	K216A1R0R	E.CAPACITOR 16V 1U	1	
U0301	MC14053BF	IC		C0109	F1H1H122A013	C.CAPACITOR CH 50V 1200P	1	
U0302,03	NJM4559M	IC :		C0103	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0302,03		IC .		C0111		T.CAPACITOR CH 10V 2.2U	1	
	NJM2904M			1	F3F1A225A003			
U0305	C0ABBB000115	IC .		C0113	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
U0308	TC4W53FU	IC	1	C0118	F3H1A1070006	T.CAPACITOR CH 10V 100U	1	
				C0119	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
				C0120	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
				C0121	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
				C0122	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
				C0123	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
■ E6	WE300EKD2A	JOINT P.C.BOARD	1 (RTL)	C0124-27	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	
				C0128	F3H0J2260003	T.CAPACITOR CH6.3V 22U	1	
				C0129	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
C0001	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	C0131	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
				C0133	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
J0001	K1MR70B00001	CONNECTOR	1	C0134	F3H0J2260003	T.CAPACITOR CH6.3V 22U	1	
J0001	K1MR70B00001	CONNECTOR		C0134	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	
J0002 J0004,05	K1MR70B00002 K1MR70B00002	CONNECTOR		C0135	F2J1C100A005	E.CAPACITOR CH 10V 470	1	
			1	l			1	
J0007	K1MR70B00001			C0137,38	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
J0008	K1KA12B00002	CONNECTOR		C0139	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
J0009	K1MR70B00001	CONNECTOR	1	C0140	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
J0010	K1MM21B00004	CONNECTOR		C0141	F3H1A2260003	T.CAPACITOR CH 10V 22U	1	
J0011	K1MM16B00004	CONNECTOR	1	C0142,43	F1H1H470A231	C.CAPACITOR CH 50V 47P	2	
				C0144	F1H1H150A231	C.CAPACITOR CH 50V 22P	1	
P0003	PANB1A061	CONNECTOR	1	C0145	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
	DANIDAAGOA	CONNECTOR	1	C0146	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	
P0006	PANB1A061		1	C0147	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	
	PANB1A061			C0147				
	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	C0147	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
P0006		M.RESISTOR CH 1/16W 100K	1	l	F1H1E104A016 F3F1A1060001	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 10V 10U	1	
P0006 R0001	ERJ3GEYJ104			C0148 C0149	F3F1A1060001	T.CAPACITOR CH 10V 10U	1 1	
P0006				C0148 C0149 C0150	F3F1A1060001 SK41C336MC	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 16V 33U	1 1 1	
P0006 R0001	ERJ3GEYJ104			C0148 C0149 C0150 C0151	F3F1A1060001 SK41C336MC F1H1H2R0A260	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 50V 2P	1 1	
P0006 R0001	ERJ3GEYJ104			C0148 C0149 C0150 C0151 C0152	F3F1A1060001 SK41C336MC F1H1H2R0A260 F3H0J2260003	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 50V 2P T.CAPACITOR CH6.3V 22U	1 1 1	
P0006 R0001	ERJ3GEYJ104			C0148 C0149 C0150 C0151 C0152 C0153,54	F3F1A1060001 SK41C336MC F1H1H2R0A260 F3H0J2260003 F1H1H470A231	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 50V 2P T.CAPACITOR CH6.3V 22U C.CAPACITOR CH 50V 47P	1 1	
P0006 R0001	ERJ3GEYJ104			C0148 C0149 C0150 C0151 C0152 C0153,54 C0155	F3F1A1060001 SK41C336MC F1H1H2R0A260 F3H0J2260003 F1H1H470A231 F1H1H150A231	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 50V 2P T.CAPACITOR CH6.3V 22U C.CAPACITOR CH 50V 47P C.CAPACITOR CH 50V 22P	1 1 1 1 2	
P0006 R0001 U0001	ERJ3GEYJ104 MC14053BF	IC	1	C0148 C0149 C0150 C0151 C0152 C0153,54 C0155 C0156,57	F3F1A1060001 SK41C336MC F1H1H2R0A260 F3H0J2260003 F1H1H470A231 F1H1H150A231 F1H1H100A226	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 50V 2P T.CAPACITOR CH6.3V 22U C.CAPACITOR CH 50V 47P C.CAPACITOR CH 50V 22P C.CAPACITOR CH 50V 100P	1 1 1	
P0006 R0001	ERJ3GEYJ104	IC		C0148 C0149 C0150 C0151 C0152 C0153,54 C0155	F3F1A1060001 SK41C336MC F1H1H2R0A260 F3H0J2260003 F1H1H470A231 F1H1H150A231	T.CAPACITOR CH 10V 10U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 50V 2P T.CAPACITOR CH6.3V 22U C.CAPACITOR CH 50V 47P C.CAPACITOR CH 50V 22P	1 1 1 1 2	

						1		AVV-E3003
Ref.No.	Part No.	Part Name & Description Po	s Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C0159	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	Q0022	2SB1218A-R	TRANSISTOR	1	
C0160	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	Q0023,24	2SC39310YL	TRANSISTOR	2	
C0161	F3H0J2260003		1	Q0025	2SB1218A-R	TRANSISTOR	1	
C0162	F3F1A1060001		1	Q0026	B1ABCF000059	TRANSISTOR	1	
							1	
C0163	SK41C336MC		1	Q0027	2SB1218A-R	TRANSISTOR	-	
C0164	F1H1H2R0A260		1	Q0028,29	B1ABCF000059	TRANSISTOR	2	
C0165	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	Q0030-33	2SC39310YL	TRANSISTOR	4	
C0166	F1H1H560A231	C.CAPACITOR CH 50V 56P	1	Q0034	XP0460100L	TRANSISTOR	1	
C0167-70	F3F1A1060001	T.CAPACITOR CH 10V 10U	4	Q0035	B1ABCF000059	TRANSISTOR	1	
C0171	SK41C336MC	T.CAPACITOR CH 16V 33U	1	Q0036	2SC39310YL	TRANSISTOR	1	
C0172	F3H1A2260003		1	Q0037	B1ABCF000059	TRANSISTOR	1	
C0173		C.CAPACITOR CH 50V 2P	1	Q0037	2SC39310YL	TRANSISTOR	1	
	F1H1H2R0A260						- '	
C0174	F3H1A2260003	T.CAPACITOR CH 10V 22U	1	Q0039	B1ABCF000059	TRANSISTOR	1	
C0176-78	F1H1E104A016		3	Q0040-42	2SC39310YL	TRANSISTOR	3	
C0181,82	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	Q0043	XP0460100L	TRANSISTOR	1	
C0186	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	Q0044	2SB1218A-R	TRANSISTOR	1	
C0187	F3F1A4750001	T.CAPACITOR CH 10V 4.7U	1	Q0045,46	B1ABCF000059	TRANSISTOR	2	
C0188	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	Q0047-49	2SC39310YL	TRANSISTOR	3	
C0189	F3H0J6860004	T.CAPACITOR CH6.3V 68U	1	Q0050	XP0460100L	TRANSISTOR	1	
			*				-	
C0190,91	F1H1E104A016		2	Q0051	2SD18200WL	TRANSISTOR	1	
C0192	F1H1H150A231		1	Q0052	2SB1219AHL	TRANSISTOR	1	
C0193-95	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	Q0053	2SD18200WL	TRANSISTOR	1	
C0196	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	Q0054	2SB1219AHL	TRANSISTOR	1	
C0197	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	Q0055	2SD18200WL	TRANSISTOR	1	
C0202	F3H0J2260003		1	Q0056	2SB1219AHL	TRANSISTOR	1	
C0203	F1H1E104A016		1	Q0057	B1ABCF000059	TRANSISTOR	1	
				Q0037	BIABCI 000039	TONGISTOR	- '	
C0205	F1H1E104A016		1		ED 100=111	M DEGIGTOR CO. AMERICA	1	
C0209	F1H1H151A231		1	R0001	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
C0211	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	R0002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C0213-16	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	4	R0007	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
C0219	F1H1H101A231	C.CAPACITOR CH 50V 100P	1	R0009	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
C0221	F1H1H390A231	C.CAPACITOR CH 50V 39P	1	R0013-15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
C0222	F1H1H4R0A243		1	R0017	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
							-	
C0223	F1H1E104A016		1	R0018	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
C0224	F3F1A1060001	T.CAPACITOR CH 10V 10U	1	R0019-42	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	24	
C0225-27	F1H1H220A231	C.CAPACITOR CH 50V 22U	3	R0049	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
C0228	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	R0050	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
C0229	F3H1A4760005	T.CAPACITOR CH 10V 47U	1	R0051,52	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
C0230-32	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	R0053-58	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
				R0059	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
050004	10114 01/000004	EU TED					'	
CF0001	J0HABY000004	FILTER	1	R0060,61	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
CF0002	J0E4434B0005	FILTER	1	R0062	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
				R0063,64	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
D0001	MA142K	DIODE	1	R0065	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
D0002,03	MA3J14300L	DIODE	2	R0066	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
D0004-07	B0CCAB000015	DIODE	4	R0068	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
D0010	MA3J14300L	DIODE	1	R0069,70	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
200.0	WW 100 1 1000E	5.052		R0071	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
100.400	0040500000	10					1	
IC0432	C0ABEB000023	IC	1	R0072,73	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
	1			R0074	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	1	
J0001,02	K1MR70B00002	CONNECTOR	2	R0075	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	_1	
J0003	K1JE50B00001	CONNECTOR	1	R0076	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
				R0077	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
L0001	G1C390J00001	COIL 39UH	1	R0078	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
L0001	ELJFC4R7MF		1	R0079	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	G1C390J00001		1				1	
L0003			•	R0080	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	-	
L0005	ELJFC4R7MF	COIL 4.7UH	1	R0082,83	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
L0006	YWNL324R7J		1	R0084,85	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
L0007,08	ELJFC4R7MF	COIL 4.7UH	2	R0089	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L0009,10	ELJFC5R6MF	COIL 5.6UH	2	R0096	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
				R0097	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
P0005	PANB1A061	CONNECTOR	1	R0098	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
				R0099	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
00000	P1CKCE* *0005	TRANSISTOR	1				+ '	
Q0003	B1GKCFAA0005	TRANSISTOR	*	R0100,01	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
Q0004	XP0460100L		1	R0103	EVM7JGA00B14	V.RESISTOR 10K	1	
Q0005	B1ABAC000008		1	R0104	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
Q0012	XP0460100L	TRANSISTOR	1	R0109	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	2SB07660HL	TRANSISTOR	1	R0111	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
Q0013	B1ABCF000059	TRANSISTOR	1	R0112,13	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
Q0013 Q0014		TRANSISTOR	1	R0118	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
Q0014			1				1	
Q0014 Q0015	2SB07660HL		1		ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1 1	1
Q0014 Q0015 Q0016	2SB07660HL B1ABCF000059	TRANSISTOR	1	R0120	ED ISCEVISOR	M DECICTOR OU 4/40'4' COL		
Q0014 Q0015 Q0016 Q0017	2SB07660HL B1ABCF000059 2SB07660HL	TRANSISTOR TRANSISTOR	1	R0121	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
Q0014 Q0015 Q0016	2SB07660HL B1ABCF000059	TRANSISTOR	*		ERJ3GEYJ223 ERJ3GEYJ681	M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 680	1	
Q0014 Q0015 Q0016 Q0017	2SB07660HL B1ABCF000059 2SB07660HL	TRANSISTOR TRANSISTOR	1	R0121			1 1	
Q0014 Q0015 Q0016 Q0017 Q0018	2SB07660HL B1ABCF000059 2SB07660HL B1ABCF000059	TRANSISTOR TRANSISTOR TRANSISTOR	1	R0121 R0122	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1 1 1	

Part		1	T			_		T.	T		AW-E300SI
BADDES B	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks		Ref.No.	Part No.	Part Name & Description	Po	s Remarks
MADDEFFORM MAD									M.RESISTOR CH 1/16W 10		4
SOURCE-POINT MIRESTOCK OF THEM X	R0131	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1			R0247	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68		1
Montange Margaretical Margaretical of the margar Margaretical of the margaretical Margaretical Margaretical of the margaretical Margareti	R0132	ERJ3GEYG102		1		F	R0248	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	T	1
Processor Proc				2							1
MADESTACE PARTICIPATION MASSISTOR OF FINANCE AND											1
Miles Mile				- 1		\vdash		-		H	1
PRINCE P				- 1							
PROPSES PROCESSOR PROPSES 1						-				H	1
Profess GUADEPCIANE Massistroid not involve 200 1						-				H	1
EXCEPTION OF TRANSPORCED Massistrope of Home 200. 1 Record RADIAGRAPHICAL Massistrope of Home 100. 1 RECORD RADIAGRAPHICAL Massistrope of Home 10				1							1
READERS READ	R0156			1			R0255	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
March California March	R0158	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1			R0256	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K		1
READED TO A PRESIDENCE MARSESTOR CH 1199W 18 1	R0159	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1			R0257	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		1
March Marc	R0160	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1			R0258	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		1
PROPRIETE PROP	R0161	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1			R0259	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
Metal	R0163	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1			R0260	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K		1
BRIDGEVIND	R0166	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1			R0261,62	ERJ3RBD473	M.RESISTOR CH 1/16W 47K		2
PROSECTION	R0167	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1			R0263	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		1
BRADECO BRAD	R0169			1		F	R0264			T	1
BOTTS BRADEDUZE MRESSTOR CH 1190W 100 1 1 1 1 1 1 1 1 1				1		-				H	1
BRIJBER BRIJ											1
PROVIDED PROVINCE				1		-					1
RODITION RECENTION CHI 1999 10 1 1 1 1 1 1 1 1				- 1		\vdash		-		+	1
BRITTON BRITTON CHI 119W 2K 1						\vdash				\vdash	4
BOTSTE ELBOELY/100						-				\vdash	
BOURSE ERASEKY/JED ARESISTOR CH 1/F6W 75K 1						-				L	4
PROJECT PROJECTION				1		\perp				L	1
BRUSSE PLANSE VIDES	R0182	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1			R0276	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K		1
PROTECT PROT	R0183	ERJ3GEYJ752		1		L	R0277	ERJ3GEYJ203		L	1
PRIVATE PRIV	R0184	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1		L	R0278	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75		1
RO289	R0186	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1			R0279	F1H1H221A231	C.CAPACITOR CH 50V 220P		1
B0199	R0187	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1			R0280	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22		1
R0190 R130EY.1220 M.RESISTOR CH 1/16W 12K 1 R0290 91 R130EY.1910 M.RESISTOR CH 1/16W 100 1 R01912 R130EY.1912 M.RESISTOR CH 1/16W 10K 1 R0294 R130EY.1912 M.RESISTOR CH 1/16W 10K 1 R0294 R130EY.1912 M.RESISTOR CH 1/16W 10K 1 R0294 R130EY.1912 M.RESISTOR CH 1/16W 10K 1 R0295 R130EY.1912 M.RESISTOR CH 1/16W 10K 1 R0296 R130EY.2912 M.RESISTOR CH 1/16W 51K 1 R0296 R130EY.2912 M.RESISTOR CH 1/16W 51K 1 R0296 R130EY.2912 M.RESISTOR CH 1/16W 51K 1 R0296 R130EY.2913 M.RESISTOR CH 1/16W 22D 2 R0296 R130EY.2913 M.RESISTOR CH 1/16W 30K 1 R0296 R130EY.2913 M.RESISTOR CH 1/16W 30K 1 R0296 R130EY.2913 M.RESISTOR CH 1/16W 30K 1 R0206 R0296Y.2913 M.RESISTOR CH 1/16W 10K 3 R0206 R0296Y.2913 M.RESISTOR CH 1/16W 27K 1 R0206 R0296Y.2913 M.RESISTOR CH 1/16W 10K 1 R0206 R0296Y.2913 M.RESISTOR CH 1	R0188	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1			R0281	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
R0191 ERJSGEYJ182 M. RESISTOR CH 1/16W 1.8K 1 R0294 ERJSGEYJ222 M. RESISTOR CH 1/16W 9.1K 1 R0294 ERJSGEYJ222 M. RESISTOR CH 1/16W 9.1K 1 R0294 ERJSGEYJ222 M. RESISTOR CH 1/16W 0.1 1 R0294 ERJSGEYJ222 M. RESISTOR CH 1/16W 1.6 1 R0296 ERJSGEYJ222 M. RESISTOR CH 1/16W 1.6 1 R0296 ERJSGEYJ222 M. RESISTOR CH 1/16W 1.6 1 R0296 ERJSGEYJ322 M. RESISTOR CH 1/16W 1.6 1 R0296 ERJSGEYJ322 M. RESISTOR CH 1/16W 3.0 1 R0296 ERJSGEYJ322 M. RESISTOR CH 1/16W 3.0 1 R0296 ERJSGEYJ322 M. RESISTOR CH 1/16W 3.0 1 R0296 ERJSGEYJ322 M. RESISTOR CH 1/16W 2.0 2 R0200.0 ERJSGEYJ322 M. RESISTOR CH 1/16W 3.0 1 R0206 ERJSGEYJ322 M. RESISTOR CH 1/16W 2.7 1 R0206 ERJSGEYJ222 M. RESISTOR CH 1/16W 2.7 1 R0207 ERJSGEYJ222 M. RESISTOR CH 1/16W 3.0 1 R0207 ERJSGEYJ222 M.	R0189	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1			R0283	EVM7JGA00B14	V.RESISTOR 10K		1
R0192 R1JGEV_1102 M.RESISTOR CH 1/16W 1.8K 1 R0294 R1JGEV_1102 M.RESISTOR CH 1/16W 1.6K 1 R0294 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K 1 R0295 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K 1 R0295 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K R0295 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K R0295 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K R0300 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K R0300 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K R0300 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K R0301 R1JGEV_1202 M.RESISTOR CH 1/16W 1.6K R0301 R1JGEV_1202 M.RESISTOR CH 1/16W 3.6K 1 R0302_03 R1JGEV_1202 M.RESISTOR CH 1/16W 3.0K 1 R0302_04 R1JGEV_1202 M.RESISTOR CH 1/16W 4.7K 4 R0313_04 R1JGEV_1202 M.RESISTOR	R0190	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1			R0290,91	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100		2
R01962 R13GEY_1912 M.RESISTOR CH 1/16W 9.1K 1 R0299 R13GEY_1020 M.RESISTOR CH 1/16W 9.1K 1 R0399 R13GEY_1960 M.RESISTOR CH 1/16W 56 1 R0390 R13GEY_1961 M.RESISTOR CH 1/16W 680 1 R0390 R13GEY_1961 M.RESISTOR CH 1/16W 5.1K 1 R0300 R13GEY_1961 M.RESISTOR CH 1/16W 680 1 R0390 R13GEY_1961 M.RESISTOR CH 1/16W 30 1 R0391 R13GEY_1962 M.RESISTOR CH 1/16W 30 2 R0392_00 R13GEY_1961 M.RESISTOR CH 1/16W 30 2 R0392_00 R13GEY_1961 M.RESISTOR CH 1/16W 30 2 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 30 3 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 30 4 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 30 4 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 30 4 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 47K 4 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 47K 4 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 47K 4 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 10 2 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 10 2 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 10 2 R0392_00 R13GEY_1962 M.RESISTOR CH 1/16W 10 1 R0392_00 R13GEY_1963 M.RESISTOR CH 1/16W 10 1 R0392_00 R13GEY_1				1						T	1
R0194 BRJSCYUPIDS				1		-					1
R0196						-					1
R0196 ERUSGEY_1312 M. RESISTOR CH 1/16W 5.1K 1 R03012 ERUSGEY_1321 M. RESISTOR CH 1/16W 20 2 R0302_03 ERUSGEY_1322 M. RESISTOR CH 1/16W 9.1K 2 R0302_03 ERUSGEY_1322 M. RESISTOR CH 1/16W 9.1K 2 R0302_03 ERUSGEY_1322 M. RESISTOR CH 1/16W 9.1K 2 R0302_04 R0302_03 ERUSGEY_1322 M. RESISTOR CH 1/16W 9.1K 2 R0302_04 R0302_032 RUSGEY_1322 M. RESISTOR CH 1/16W 9.1K 2 R0302_04 R0302_032 RUSGEY_1322 M. RESISTOR CH 1/16W 9.1K 2 2 R03013 ERUSGEY_1322 M. RESISTOR CH 1/16W 47K 4 R0302_04 ERUSGEY_1222 M. RESISTOR CH 1/16W 9.1K 2 R0303_04 ERUSGEY_1322 M. RESISTOR CH 1/16W 16K 1 R0302_04 ERUSGEY_1322 M. RESISTOR CH 1/16W 16K 1 R0303_04 ERUSGEY_1322 RUSGEY_1322 M. RESISTOR CH 1/16W 16K 1 R0303_04 ERUSGEY_1322 RUSGEY_1322 M. RESISTOR CH 1/16W 16K 1 R0303_04 ERUSGEY_1322 RUSGEY_1322 R						-				H	<u>'</u>
R0197,98				- 2		-				H	1
R0300 ERJJGSEYJ302 M.RESISTOR CH 1/16W 3,8K 1 R0304.05 ERJJGSEYJ302 M.RESISTOR CH 1/16W 3,8K 2 R0201-03 ERJJGSEYJ302 M.RESISTOR CH 1/16W 1K 3 R0308-11 ERJJGSEYJ473 M.RESISTOR CH 1/16W 47K 4 R0308-11 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R03016 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R03016 ERJJGSEYJ473 M.RESISTOR CH 1/16W 47K 1 R0308 ERJJGSEYJ473 M.RESISTOR CH 1/16W 47K 1 R0308 ERJJGSEYJ473 M.RESISTOR CH 1/16W 47K 1 R0308 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R0302 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R0302 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R0302 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R0401 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R0401 ERJJGSEYJ473 M.RESISTOR CH 1/16W 16K 1 R0401 ERJJGSEYJ670 M.RESISTOR CH 1/16W 16K 1 R0402 ERJJGSEYJ670 M.RESISTOR CH 1/16W 16K 1 R0403 ERJJGSEYJ670 M.RESISTOR CH 1/16W 16K 1				1		-					1
R02000 ERJSGEYG332 M.RESISTOR CH 1/16W 3.3K 1 R0306.07 ERJSGEYJ820 M.RESISTOR CH 1/16W 1K 3 R0306.11 ERJSGEYJ820 M.RESISTOR CH 1/16W 1K 4 R0306.01 ERJSGEYJ827 M.RESISTOR CH 1/16W 1K 4 R0306.01 ERJSGEYJ827 M.RESISTOR CH 1/16W 47K 4 R0306.06 ERJSGEYJ820 M.RESISTOR CH 1/16W 910 2 R0314 ERJSGEYJ827 M.RESISTOR CH 1/16W 47K 4 R0315 ERJSGEYJ827 M.RESISTOR CH 1/16W 16K 1 R0306 ERJSGEYJ821 M.RESISTOR CH 1/16W 16K 1 R0306 ERJSGEYJ821 M.RESISTOR CH 1/16W 16K 1 R0316 ERJSGEYJ821 M.RESISTOR CH 1/16W 16K 1 R0306 ERJSGEYJ821 M.RESISTOR CH 1/16W 16K 2 R0210 ERJSGEYJ101 M.RESISTOR CH 1/16W 16K 1 R0400 ERJSGEYJ821 M.RESISTOR CH 1/16W 16K 2 R0211 ERJSGEYJ103 M.RESISTOR CH 1/16W 16K 1 R0401 ERJSGEYJ473 M.RESISTOR CH 1/16W 16K 1 R0401 ERJSGEYJ473 M.RESISTOR CH 1/16W 16K 1 R0402 ERJSGEYJ473 M.RESISTOR CH 1/16W 17K 1 R0402 ERJSGEYJ473 M.RESISTOR CH 1/16W 17K 1 R0402 ERJSGEYJ473 M.RESISTOR CH 1/16W 17K 1 R0403 ERJSGEYJ800 M.RESISTOR CH 1/16W 17K 1 R0404 ERJSGEYJ800 M.RESISTOR CH 1/16W 17K 1 R0404 ERJSGEYJ800 M.RESISTOR CH 1/16W 17K 1 R0404 ERJSGEYJ800 M.RESISTOR CH 1/16W 17K 1 R0415 ERJSGEYJ800 M.RESISTOR CH 1/16W 17K 1 R0416 ERJSGEYJ800 M.RESISTOR CH 1/16W 17K 1 R0										-	
R0201-03 ERJSGEYG102 M.RESISTOR CH 1/16W 1K 3 R0308-11 ERJSGEYJ473 M.RESISTOR CH 1/16W 47K 4 R0303 ERJSGEYJ473 M.RESISTOR CH 1/16W 47K 4 R0303 ERJSGEYJ473 M.RESISTOR CH 1/16W 16K 1 R0304 ERJSGEYJ33 M.RESISTOR CH 1/16W 16K 1 R0305 ERJSGEY0700 M.RESISTOR CH 1/16W 27K 1 R0315 ERJSGEYJ473 M.RESISTOR CH 1/16W 47K 1 R0305 ERJSGEYJ473 M.RESISTOR CH 1/16W 680 1 R0209 ERJSGEYJ473 M.RESISTOR CH 1/16W 16K 2 R0306 ERJSGEYJ473 M.RESISTOR CH 1/16W 16K 2 R0306 ERJSGEYJ473 M.RESISTOR CH 1/16W 16K 2 R0306 ERJSGEYJ68 M.RESISTOR CH 1/16W 16K 2 R0306 ERJSGEYJ68 M.RESISTOR CH 1/16W 16K 2 R0306 ERJSGEYJ678 M.RESISTOR CH 1/16W 16K 2 R0400 ERJSGEYJ678 M.RESISTOR CH 1/16W 16K 1 R0401 ERJSGEYJ679 M.RESISTOR CH 1/16W 16K 1 R0401 ERJSGEYJ679 M.RESISTOR CH 1/16W 16K 1 R0402 ERJSGEYJ679 M.RESISTOR CH 1/16W 16K 1 R0402 ERJSGEYG102 M.RESISTOR CH 1/16W 16K 1 R0403 ERJSGEYG102 M.RESISTOR CH 1/16W 16K 1 R0403 ERJSGEYG102 M.RESISTOR CH 1/16W 27K 1 R0409 ERJSGEYG103 M.RESISTOR CH 1/16W 16K 1 R0404 ERJSGEYJ69 M.RESISTOR CH 1/16W 27K 1 R0409 ERJSGEYJ69 M.RESISTOR CH 1/16W 27K 1 R0410 ERJSGEYJ05 M.RESISTOR CH 1/16W 20K 1 R0410 ERJSGEYJ05 M.RESISTOR CH 1/16W 20K 1 R0410 ERJSGEYJ05 M.RESISTOR CH 1/16W 20K 1 R0410 ERJSGEYJ00 M.RESISTOR CH 1/16W 20K 1 R0410 ERJSGEYJ00 M.RESISTOR CH 1/16W 20K 1 R0410 R0421 ERJSGEYJ00 M.RESISTOR CH 1/16W 20K 1 R0410 R0421 ERJSGEYJ00 M.RESISTOR CH 1/16W 0 1 R0410 R042	R0199	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1			R0304,05	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	-	
R0204 ERJSGEY_1272 M. RESISTOR CH 1/16W 2.7K 1 R0313 ERJSGEY_183 M. RESISTOR CH 1/16W 190 2 R0314 ERJSGEY_183 M. RESISTOR CH 1/16W 910 0 1 R0314 ERJSGEY_185 M. RESISTOR CH 1/16W 0 1 R0205 ERJSGEY_182 M. RESISTOR CH 1/16W 18K 1 R0316 ERJSGEY_181 M. RESISTOR CH 1/16W 18K 1 R0316 ERJSGEY_181 M. RESISTOR CH 1/16W 18K 1 R0316 ERJSGEY_181 M. RESISTOR CH 1/16W 18K 1 R0316 ERJSGEY_182 M. RESISTOR CH 1/16W 18K 1 R0316 ERJSGEY_181 M. RESISTOR CH 1/16W 10K 2 R0209 ERJSGEY_182 M. RESISTOR CH 1/16W 10K 1 R0211 ERJSGEY_1910 M. RESISTOR CH 1/16W 10K 1 R0401 ERJSGEY_182 M. RESISTOR CH 1/16W 10K 2 R0212 ERJSGEY_1910 M. RESISTOR CH 1/16W 10K 1 R0401 ERJSGEY_183 M. RESISTOR CH 1/16W 17K 1 R0212 ERJSGEY_1013 M. RESISTOR CH 1/16W 10K 1 R0401 ERJSGEY_183 M. RESISTOR CH 1/16W 17K 1 R0401 ERJSGEY_102 M. RESISTOR CH 1/16W 17K 1 R0403 ERJSGEY_183 M. RESISTOR CH 1/16W 17K 1 R0403 ERJSGEY_103 M. RESISTOR CH 1/16W 17K 1 R0404 ERJSGEY_103 M. RESISTOR CH 1/16W 17K 1 R0405		ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K					ERJ3GEYJ820			2
R0205.06 ERJ3RBD911 M.RESISTOR CH 1/16W 910 2 R0314 ERJ3GEY0R00 M.RESISTOR CH 1/16W 7/K 1 R0315 ERJ3GEY1/173 M.RESISTOR CH 1/16W 7/K 1 R0315 ERJ3GEY1/173 M.RESISTOR CH 1/16W 7/K 1 R0316 ERJ3GEY1/173 M.RESISTOR CH 1/16W 7/K 1 R0316 ERJ3GEY1/173 M.RESISTOR CH 1/16W 10K 1 R0320 ERJ3GEY1/101 M.RESISTOR CH 1/16W 10K 2 R0320,21 ERJ3RBD103 M.RESISTOR CH 1/16W 10K 2 R0320,21 ERJ3RBD103 M.RESISTOR CH 1/16W 10K 2 R0320 ERJ3GEY1/103 M.RESISTOR CH 1/16W 3.6K 1 R0400 ERJ3GEY0/103 M.RESISTOR CH 1/16W 10K 1 R0401 ERJ3GEY1/103 M.RESISTOR CH 1/16W 10K 1 R0401 ERJ3GEY1/103 M.RESISTOR CH 1/16W 10K 1 R0401 ERJ3GEY1/103 M.RESISTOR CH 1/16W 10K 1 R0403-05 ERJ3GEY0/103 M.RESISTOR CH 1/16W 3.3K 1 R0403-05 ERJ3GEY0/103 M.RESISTOR CH 1/16W 3.3K 1 R0403-05 ERJ3GEY0/103 M.RESISTOR CH 1/16W 3.3K 1 R0403-05 ERJ3GEY0/100 M.RESISTOR CH 1/16W 2.K 1 R0403 ERJ3GEY0/100 M.RESISTOR CH 1/16W 2.K 1 R0403 ERJ3GEY0/100 M.RESISTOR CH 1/16W 2.K 1 R0403 ERJ3GEY0/100 M.RESISTOR CH 1/16W 2.K 1 R0404 ERJ3GEY1/100 M.RESISTOR CH 1/16W 10 1 R0410 ERJ3GEY1/100 M.RESISTOR CH 1/16W 10 4 R0410 ERJ3GEY1/100 M.RESISTOR CH 1/16W 10 4 R0410 ERJ3GEY1/100 M.RESISTOR CH 1/16W 66 1 R0417 ERJ3GEY1/100 M.RESISTOR CH 1/16W 2.K 1 R0417 ERJ3GEY1/100 M.RESISTOR CH 1/16W 66 1 R0417 ERJ3GEY1/100 M.RESISTOR CH 1/16W 2.K 1 R0417 ERJ3GEY1/100 M.RESISTOR CH 1/16W 66 1 R0417 ERJ3GEY1/100 M.RESISTOR CH 1/16W 2.K 1 R0417 ERJ3GEY1/100 M.RESISTOR CH 1/16W 68 1 R0418 ERJ3GEY1/100 M.RESISTOR CH 1/16W 68 1 R0418 ERJ3GEY1/100 M.RESISTOR CH 1/16W 68 1 R0418 ERJ3GEY1/100 M.R	R0201-03	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3			R0308-11	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K		4
R0207 R0208 R.J. R. R. R. R. R. R.	R0204	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1			R0313	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K		1
R0208 ERJSGEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0316 ERJSGEYJ681 M.RESISTOR CH 1/16W 680 1 R02020 ERJSGEYJ010 M.RESISTOR CH 1/16W 100 1 R032021 ERJSGEYJ680 M.RESISTOR CH 1/16W 100 1 R0400 ERJSGEYGR000 M.RESISTOR CH 1/16W 100 1 R0401 ERJSGEYJ101 M.RESISTOR CH 1/16W 100 1 R0401 ERJSGEYJ101 M.RESISTOR CH 1/16W 100 1 R0401 ERJSGEYJ103 M.RESISTOR CH 1/16W 100 1 R0401 ERJSGEYJ103 M.RESISTOR CH 1/16W 100 1 R0401 ERJSGEYJ103 M.RESISTOR CH 1/16W 100 1 R0401 ERJSGEYG102 M.RESISTOR CH 1/16W 100 1 R0402 ERJSGEYG102 M.RESISTOR CH 1/16W 100 1 R0403 ERJSGEYG102 M.RESISTOR CH 1/16W 100 1 R0414 ERJSGEYG102 M.RESISTOR CH 1/16W 4.7K 1 R0403 ERJSGEYG102 M.RESISTOR CH 1/16W 2.0 1 R0415 ERJSGEYG102 M.RESISTOR CH 1/16W 2.0 1 R0415 ERJSGEYG102 M.RESISTOR CH 1/16W 2.0 1 R0415 ERJSGEYG102 M.RESISTOR CH 1/16W 2.0 1 R0416 ERJSGEYJ394 M.RESISTOR CH 1/16W 300 1 R0416 ERJSGEYJ394 M.RESISTOR CH 1/16W 300 1 R0416 ERJSGEYJ394 M.RESISTOR CH 1/16W 500 1 R0416 ERJSGEYJ395 M.RESISTOR CH 1/16W 500 1 R0416 ERJSGEYJ305 M.RESISTOR CH 1/16W 500 1 R0416 ERJSGEYJ306 M.RESISTOR CH 1/16W 500 1 R0416 ERJSGEYJ307 M.RESISTOR CH 1/16W 500 1 R0416 ER	R0205,06	ERJ3RBD911	M.RESISTOR CH 1/16W 910	2			R0314	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
R0209 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R0400 ERJ3GEYJ362 M.RESISTOR CH 1/16W 3.6K 1 R0400 ERJ3GEYJ362 M.RESISTOR CH 1/16W 100 1 R0401 ERJ3GEYJ373 M.RESISTOR CH 1/16W 100 1 R0401 ERJ3GEYJ373 M.RESISTOR CH 1/16W 10K 1 R0402 ERJ3GEYJ373 M.RESISTOR CH 1/16W 10K 1 R0402 ERJ3GEYJ373 M.RESISTOR CH 1/16W 3.6K 1 R0402 ERJ3GEYJ373 M.RESISTOR CH 1/16W 3.6K 1 R0402 ERJ3GEYJ302 M.RESISTOR CH 1/16W 3.6K 1 R0403 ERJ3GEYG802 M.RESISTOR CH 1/16W 3.6K 1 R0403 ERJ3GEYG802 M.RESISTOR CH 1/16W 3.6K 1 R0403 ERJ3GEYJ394 M.RESISTOR CH 1/16W 0 3 R0214 ERJ3GEYJ304 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GEYJ394 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GEYJ396 M.RESISTOR CH 1/16W 0 1 R0410 ERJ3GEYJ396 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GEYJ396 M.RESISTOR CH 1/16W 920 1 R0412 ERJ3GEYJ396 M.RESISTOR CH 1/16W 30 1 R0412 ERJ3GEYJ396 M.RESISTOR CH 1/16W 30 1 R0412 ERJ3GEYJ396 M.RESISTOR CH 1/16W 30 1 R0412 ERJ3GEYJ201 M.RESISTOR CH 1/16W 22 R0412-23 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 R0412 ERJ3GEYJ201 M.RESISTOR CH 1/16W 22 R0412-23 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 R0412 ERJ3GEYJ301 M.RESISTOR CH 1/16W 0 1 R0439 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0439 ERJ3GEYJ302 M.RESISTOR CH 1/16W 10K 1 R0439 ERJ3GEYJ303 M.RESISTOR CH 1/1	R0207	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1			R0315	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K		1
R0210 R03GEYJ362 M.RESISTOR CH 1/16W 3.6K 1 R0400 R13GEYJ0R0 M.RESISTOR CH 1/16W 0 1 R0401 ERJ3GEYJ101 M.RESISTOR CH 1/16W 10K 1 R0402 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0402 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0403 R0402 ERJ3GEYJ032 M.RESISTOR CH 1/16W 10K 1 R0403-05 ERJ3GEYJ032 M.RESISTOR CH 1/16W 47K 1 R0403-05 ERJ3GEYJ0700 M.RESISTOR CH 1/16W 0 3 R0214 ERJ3RBD472 M.RESISTOR CH 1/16W 47K 1 R0403 R0407 ERJ3GEYJ0700 M.RESISTOR CH 1/16W 0 1 R0215 ERJ3GED202 M.RESISTOR CH 1/16W 2 1 R0409 ERJ3GEYJ394 M.RESISTOR CH 1/16W 30K 1 R0216 ERJ3RBD202 M.RESISTOR CH 1/16W 22K 1 R0410 ERJ3GEYJ394 M.RESISTOR CH 1/16W 506K 1 R0217 ERJ3GED202 M.RESISTOR CH 1/16W 22K 1 R0411 ERJ3GEYJ394 M.RESISTOR CH 1/16W 506K 1 R0218 ERJ3GEYJ394 M.RESISTOR CH 1/16W 506K 1 R0218 ERJ3GEYJ394 M.RESISTOR CH 1/16W 506K 1 R0218 ERJ3GEYJ394 M.RESISTOR CH 1/16W 506K 1 R0412 ERJ3GEYJ393 M.RESISTOR CH 1/16W 506K 1 R0412 ERJ3GEYJ393 M.RESISTOR CH 1/16W 506K 1 R0412 ERJ3GEYJ391 M.RESISTOR CH 1/16W 506K 1 R0412 ERJ3GEYJ392 M.RESISTOR CH 1/16W 506K 1 R0418 R	R0208	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1			R0316	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680		1
R0211 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R0402 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0402 ERJ3GEYG102 M.RESISTOR CH 1/16W 10K 1 R0403 ERJ3GEYG102 M.RESISTOR CH 1/16W 10K 1 R0403 ERJ3GEYG102 M.RESISTOR CH 1/16W 0 3 R0214 ERJ3GEYG332 M.RESISTOR CH 1/16W 3.5K 1 R0407 ERJ3GEYG102 M.RESISTOR CH 1/16W 0 3 R0214 ERJ3GEYG102 M.RESISTOR CH 1/16W 2.5K 1 R0407 ERJ3GEYG102 M.RESISTOR CH 1/16W 0 1 R0407 ERJ3GEYG103 M.RESISTOR CH 1/16W 0 1 R0409 ERJ3GEYJ394 M.RESISTOR CH 1/16W 390K 1 R0416 ERJ3GEYJ394 M.RESISTOR CH 1/16W 390K 1 R0416 ERJ3GEYJ394 M.RESISTOR CH 1/16W 390K 1 R0416 ERJ3GEYJ394 M.RESISTOR CH 1/16W 390K 1 R0417 ERJ3GEYJ394 M.RESISTOR CH 1/16W 560K 1 R0417 ERJ3GEYJ394 M.RESISTOR CH 1/16W 10 1 R0418 ERJ3GEYJ395 M.RESISTOR CH 1/16W 10 1 R0418 ERJ3GEYJ395 M.RESISTOR CH 1/16W 10 1 R0412 ERJ3GEYJ331 M.RESISTOR CH 1/16W 330 1 R0412 ERJ3GEYJ395 M.RESISTOR CH 1/16W 20 2 R0417 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 1 R0417 ERJ3GEYJ200 M.RESISTOR CH 1/16W 0 2 R0423 ERJ3GEYJ201 M.RESISTOR CH 1/16W 20 2 R0417 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 3 R0425 ERJ3GEYJ201 M.RESISTOR CH 1/16W 20 2 R0430-32 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 3 R0426 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 3 R0430 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 0 1 R0436 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 1 R0436 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 1 R0436 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0436 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 1 R0436 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0436 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 1 R0436 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0436 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 1 R0446 ERJ3GEYJ000 M.RESISTOR CH 1/16W 0 1 R0446 ERJ3GEYJ000 M.RESISTOR CH 1/16W 3 K 1 R0446 ERJ3GEYJ003 M.RESISTOR CH 1/16W 3 K 1 R0446 ERJ3GEYJ303 M.RESISTOR	R0209	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1			R0320,21	ERJ3RBD103	M.RESISTOR CH 1/16W 10K		2
R0212 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0213 ERJ3GEYG322 M.RESISTOR CH 1/16W 3.3 K 1 R0403-05 ERJ3GEYG8020 M.RESISTOR CH 1/16W 0 3 R0214 ERJ3GED472 M.RESISTOR CH 1/16W 4.7K 1 R0407 ERJ3GED4720 M.RESISTOR CH 1/16W 0 1 R0215 ERJ3RED202 M.RESISTOR CH 1/16W 2K 1 R0409 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47364 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47364 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47364 M.RESISTOR CH 1/16W 910 1 R0412 ERJ3GEYJ105 M.RESISTOR CH 1/16W 1M 1 R0412 ERJ3GEYJ105 M.RESISTOR CH 1/16W 1M 1 R0412 ERJ3GEYJ105 M.RESISTOR CH 1/16W 300 1 R0223 ERJ3GEYJ210 M.RESISTOR CH 1/16W 68 1 R0417 ERJ3GEY0R00 M.RESISTOR CH 1/16W 30 1 R0423 ERJ3GEYJ221 M.RESISTOR CH 1/16W 220 2 R0426.27 ERJ3GEYJ221 M.RESISTOR CH 1/16W 20 2 R0426.27 ERJ3GEYJ222 M.RESISTOR CH 1/16W 2K 1 R0426.27 ERJ3GEYJ080 M.RESISTOR CH 1/16W 0 2 R0426.27 ERJ3GEYJ102 M.RESISTOR CH 1/16W 2.7K 1 R0434 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 3 R0426 ERJ3GEYJ102 M.RESISTOR CH 1/16W 2.7K 1 R0436.37 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 2 R0420 ERJ3GEYJ104 M.RESISTOR CH 1/16W 1.8K 1 R0436.37 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 1 R0431 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0432 ERJ3GEYJ104 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 0 1 R0432 ERJ3GEYJ104 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 0 1 R0434 ERJ3GEYJ103 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.9K 1 R0448 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K 1	R0210	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1			R0400	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		1
R0212 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0213 ERJ3GEYG322 M.RESISTOR CH 1/16W 3.3 K 1 R0403-05 ERJ3GEYG8020 M.RESISTOR CH 1/16W 0 3 R0214 ERJ3GED472 M.RESISTOR CH 1/16W 4.7K 1 R0407 ERJ3GED4720 M.RESISTOR CH 1/16W 0 1 R0215 ERJ3RED202 M.RESISTOR CH 1/16W 2K 1 R0409 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47394 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47364 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47364 M.RESISTOR CH 1/16W 910 1 R0411 ERJ3GED47364 M.RESISTOR CH 1/16W 910 1 R0412 ERJ3GEYJ105 M.RESISTOR CH 1/16W 1M 1 R0412 ERJ3GEYJ105 M.RESISTOR CH 1/16W 1M 1 R0412 ERJ3GEYJ105 M.RESISTOR CH 1/16W 300 1 R0223 ERJ3GEYJ210 M.RESISTOR CH 1/16W 68 1 R0417 ERJ3GEY0R00 M.RESISTOR CH 1/16W 30 1 R0423 ERJ3GEYJ221 M.RESISTOR CH 1/16W 220 2 R0426.27 ERJ3GEYJ221 M.RESISTOR CH 1/16W 20 2 R0426.27 ERJ3GEYJ222 M.RESISTOR CH 1/16W 2K 1 R0426.27 ERJ3GEYJ080 M.RESISTOR CH 1/16W 0 2 R0426.27 ERJ3GEYJ102 M.RESISTOR CH 1/16W 2.7K 1 R0434 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 3 R0426 ERJ3GEYJ102 M.RESISTOR CH 1/16W 2.7K 1 R0436.37 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 2 R0420 ERJ3GEYJ104 M.RESISTOR CH 1/16W 1.8K 1 R0436.37 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 1 R0431 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0432 ERJ3GEYJ104 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 0 1 R0432 ERJ3GEYJ104 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 0 1 R0434 ERJ3GEYJ103 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.9K 1 R0448 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K 1	R0211	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		F	R0401	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	T	1
R0213 ERJ3GEYG332 M.RESISTOR CH 1/16W 3.3K 1 R0403-05 ERJ3GEYGR00 M.RESISTOR CH 1/16W 0 3 R0214 ERJ3RBD472 M.RESISTOR CH 1/16W 4.7K 1 R0409 ERJ3GEYJ304 M.RESISTOR CH 1/16W 0 1 R0215 ERJ3RBD202 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GEYJ564 M.RESISTOR CH 1/16W 500K 1 R0410 ERJ3GEYJ564 M.RESISTOR CH 1/16W 500K 1 R0411 ERJ3GEYJ564 M.RESISTOR CH 1/16W 500K 1 R0411 ERJ3GEYJ105 M.RESISTOR CH 1/16W 500K 1 R0418-21 ERJ3GEYJ305 M.RESISTOR CH 1/16W 500K 1 R0412 ERJ3GEYJ305 M.RESISTOR CH 1/16W 500K 1 R0412 ERJ3GEYJ305 M.RESISTOR CH 1/16W 330 1 R0223-24 ERJ3GEYJ808 M.RESISTOR CH 1/16W 68 1 R0412 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 0 1 R0426-27 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 0 3 R0426-27 ERJ3GEYJ202 M.RESISTOR CH 1/16W 20K 1 R0426-27 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 0 2 R0226-27 ERJ3GEYJ202 M.RESISTOR CH 1/16W 56K 2 R0430-32 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 0 1 R0426-27 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 0 1 R0446 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 0 1 R0446 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 1 R0446 ERJ3GEYJ800 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ301 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.8K 1 R0446 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.8K 1 R0446 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.8K 1 R0446 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K 1 R0439 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K 1 R0439 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K 1 R0446 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K 1 R0446 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K			M.RESISTOR CH 1/16W 10K	1		F		FRJ3GFYG102	M.RESISTOR CH 1/16W 1K	T	1
R0214 ERJ3RBD472 M.RESISTOR CH 1/16W 4.7K 1 R0407 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0215 ERJ3RBD202 M.RESISTOR CH 1/16W 910 1 R0409 ERJ3GEYJ394 M.RESISTOR CH 1/16W 900K 1 R0410 ERJ3GEYJ364 M.RESISTOR CH 1/16W 900K 1 R0410 ERJ3GEYJ365 M.RESISTOR CH 1/16W 900K 1 R0411 ERJ3GEYJ105 M.RESISTOR CH 1/16W 910K 1 R0411 ERJ3GEYJ105 M.RESISTOR CH 1/16W 10M 1 R0411 ERJ3GEYJ105 M.RESISTOR CH 1/16W 10M 1 R0412 ERJ3GEYJ391 M.RESISTOR CH 1/16W 10M 1 R0412 ERJ3GEYJ391 M.RESISTOR CH 1/16W 10M 1 R0417 ERJ3GEYJ202 M.RESISTOR CH 1/16W 20M 2 R0421-23 ERJ3GEYJ202 M.RESISTOR CH 1/16W 20M 2 R0426,27 ERJ3GEYJ202 M.RESISTOR CH 1/16W 20M 2 R0426,27 ERJ3GEYJ202 M.RESISTOR CH 1/16W 20M 2 R0426,27 ERJ3GEYJ202 M.RESISTOR CH 1/16W 2.7K 1 R0436 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 3 R0228 ERJ3GEYJ802 M.RESISTOR CH 1/16W 2.7K 1 R0436,37 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 1 R0230 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.8K 1 R0436,37 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.8K 1 R0436,37 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0436 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0446 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 1 R0232 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0446 ERJ3GEYJ800 M.RESISTOR CH 1/16W 0 1 R0232 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0446 ERJ3GEYJ800 M.RESISTOR CH 1/16W 3.5K 1 R0446 ERJ3GEYJ302 M.RESISTOR CH 1/16W 3.6K 1 R0446 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.5K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.5K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.5K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.				1		\vdash					3
R0215 ERJ3RBD202 M.RESISTOR CH 1/16W 2K 1 R0410 ERJ3GEYJ394 M.RESISTOR CH 1/16W 390K 1 R0216 ERJ3RBD211 M.RESISTOR CH 1/16W 910 1 R0410 ERJ3GEYJ564 M.RESISTOR CH 1/16W 660K 1 R0411 ERJ3GEYJ105 M.RESISTOR CH 1/16W 660K 1 R0412 ERJ3GEYJ105 M.RESISTOR CH 1/16W 1M 1 R0218-21 ERJ3GEYJ100 M.RESISTOR CH 1/16W 10 4 R0412 ERJ3GEYJ331 M.RESISTOR CH 1/16W 330 1 R0412 ERJ3GEYJ860 M.RESISTOR CH 1/16W 330 1 R0412 ERJ3GEYJ860 M.RESISTOR CH 1/16W 68 1 R0417 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0223_24 ERJ3GEYJ221 M.RESISTOR CH 1/16W 22V 2 R0421-23 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 R0425 ERJ3GEYJ202 M.RESISTOR CH 1/16W 2K 1 R0426_27 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 R0226_27 ERJ3RBD562 M.RESISTOR CH 1/16W 5.6K 2 R0430-32 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 R0228 ERJ3GEYJ80 M.RESISTOR CH 1/16W 1.8K 1 R0436_37 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0230 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.6K 1 R0439 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 2 R0230 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.5K 1 R0444 ERJ6GEY0R00 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYJ102 M.RESISTOR CH 1/16W 1.5K 1 R0445 ERJ3GEYJ102 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYJ102 M.RESISTOR CH 1/16W 1.6K 1 R0445 ERJ3GEYJ103 M.RESISTOR CH 1/16W 0 1 R0234 ERJ3GEYJ102 M.RESISTOR CH 1/16W 1.0K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 1.0K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.6K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 1.0K 1 R0449 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.6K 1 R0449 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.3K 1 R0449 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.3K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.0K 1 R				1		\vdash		-		H	1
R0216 ERJ3RBD911 M.RESISTOR CH 1/16W 910 1 R0217 ERJ3GEYJ564 M.RESISTOR CH 1/16W 910 1 R0217 ERJ3GEYJ100 M.RESISTOR CH 1/16W 2.2K 1 R0218-21 ERJ3GEYJ100 M.RESISTOR CH 1/16W 10 4 R0218-21 ERJ3GEYJ331 M.RESISTOR CH 1/16W 330 1 R0222 ERJ3GEYJ680 M.RESISTOR CH 1/16W 68 1 R0412 ERJ3GEYJ331 M.RESISTOR CH 1/16W 330 1 R0223 ERJ3GEYJ221 M.RESISTOR CH 1/16W 68 1 R0417 ERJ3GEYJ303 M.RESISTOR CH 1/16W 0 1 R0223-24 ERJ3GEYJ221 M.RESISTOR CH 1/16W 220 2 R0421-23 ERJ3GEYGR00 M.RESISTOR CH 1/16W 0 3 R0225 ERJ3GEYJ202 M.RESISTOR CH 1/16W 2K 1 R0426,27 ERJ3GEYGR00 M.RESISTOR CH 1/16W 0 2 R0226,27 ERJ3GEYJ202 M.RESISTOR CH 1/16W 56K 2 R0430-32 ERJ3GEYGR00 M.RESISTOR CH 1/16W 0 3 R0228 ERJ3GEYJ221 M.RESISTOR CH 1/16W 2.7K 1 R0436,37 ERJ3GEYGR00 M.RESISTOR CH 1/16W 0 1 R0436,37 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.8K 1 R0436,37 ERJ3GEYGR00 M.RESISTOR CH 1/16W 0 1 R0439 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.8K 1 R0444 ERJ3GEYGR00 M.RESISTOR CH 1/16W 0 1 R0439 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 0 1 R0449 ERJ3RBD332 M.RESISTOR CH 1/16W 3.6K 1 R0448 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.6K 1 R0449 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.6K 1 R0449 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.6K 1 R0449 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.6K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.6K 1 R0450 ERJ3GEYJ3				- 1		\vdash				H	1
R0217 ERJ3RBD222 M.RESISTOR CH 1/16W 2.2K 1 R0411 ERJ3GEYJ105 M.RESISTOR CH 1/16W 1M 1 R0218-21 ERJ3GEYJ100 M.RESISTOR CH 1/16W 10 4 R0412 ERJ3GEYJ331 M.RESISTOR CH 1/16W 330 1 R0222 ERJ3GEYJ680 M.RESISTOR CH 1/16W 68 1 R0417 ERJ3GEYDR00 M.RESISTOR CH 1/16W 0 1 R0225 ERJ3GEYJ202 M.RESISTOR CH 1/16W 22V 2 R0426,27 ERJ3GEYDR00 M.RESISTOR CH 1/16W 0 3 R0226 ERJ3GEYJ202 M.RESISTOR CH 1/16W 5.6K 2 R0430-32 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 2 R0226, 27 ERJ3GEYJ102 M.RESISTOR CH 1/16W 5.6K 2 R0430-32 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 3 R0229 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0436,37 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 2 R0230 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.8K 1 R0439 ERJ3GEYOR00 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYJ101 M.RESISTOR CH 1/16						\vdash				H	1
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R0222 ERJ3GEYJ680 M.RESISTOR CH 1/16W 68 1 R0417 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0223_24 ERJ3GEYJ022 M.RESISTOR CH 1/16W 220 2 R0421-23 ERJ3GEYJ020 M.RESISTOR CH 1/16W 0 3 R0426_27 ERJ3GEYJ020 M.RESISTOR CH 1/16W 2K 1 R0426_27 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 2 R0226_27 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 5.6K 2 R0430-32 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 3 R0430-32 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 3 R0430-32 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0434 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0434 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0436_37 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0436_37 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0436_37 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0439 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0439 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0439 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0431 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0446 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0445 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 0 1 R0446 ERJ3GEYJ0R00 M.RESISTOR CH 1/16W 10K 1 R0446 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ101 M.RESISTOR CH 1/16W 3.6K 1 R0448 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.8K 1 R0436 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.8K 1 R0449 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.9K 1 R0450 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.0K 1 R0450 ERJ3GEYJ303				1		\vdash				\vdash	1
R0223_24 ERJ3GEYJ221 M.RESISTOR CH 1/16W 2Z0 2 R0421-23 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 R0225 ERJ3GEYJ202 M.RESISTOR CH 1/16W 2K 1 R0426_27 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 2 2 R0226_27 ERJ3GEYDR00 M.RESISTOR CH 1/16W 5.6K 2 R0430-32 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 3 3 3 3 3 3 3 3						-				L	1
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R0226_27 ERJ3RBD562 M.RESISTOR CH 1/16W 5.6K 2 R0430-32 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 3 3 3 3 3 3 3 3 3			M.RESISTOR CH 1/16W 220	2			R0421-23		M.RESISTOR CH 1/16W 0	-	
R0228 ERJ3RBD272 M.RESISTOR CH 1/16W 2.7K 1 R0434 ERJ3GEY0700 M.RESISTOR CH 1/16W 0 1 R0229 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0436,37 ERJ3GEY0700 M.RESISTOR CH 1/16W 0 2 R0230 ERJ3GEYJ101 M.RESISTOR CH 1/16W 1.0 1 R0439 ERJ3GEY0700 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYG152 M.RESISTOR CH 1/16W 1.5K 1 M.RESISTOR CH 1/16W 0 1 R0232 ERJ3GEYJ162 M.RESISTOR CH 1/16W 2.7K 1 R0445 ERJ3GEY0700 M.RESISTOR CH 1/16W 0 1 R0232 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0445 ERJ3GEYJ1800 M.RESISTOR CH 1/16W 0 1 R0233 ERJ3GEYJ1101 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0234 ERJ3GEYJ101 M.RESISTOR CH 1/16W 3.6K 1 R0447 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.6K 1 R0236 ERJ3GEYJ101 M.RESISTOR CH 1/16W 10K 1 R0448	R0225	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1			R0426,27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	L	2
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R0230 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R0439 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0231 ERJ3GEYG152 M.RESISTOR CH 1/16W 1.5K 1 M. R0444 ERJ3GEY0R00 M.RESISTOR CH 1/10W 0 1 R0445 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0445 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ183 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ173 M.RESISTOR CH 1/16W 10K 1 R0447 ERJ3GEYJ101 M.RESISTOR CH 1/16W 10K 1 R0448 ERJ3GEYJ362 M.RESISTOR CH 1/16W 3.6K 1 R0448 ERJ3GEYJ362 M.RESISTOR CH 1/16W 3.6K 1 R0448 ERJ3GEYJ101 M.RESISTOR CH 1/16W 10K 1 R0449 ERJ3GEYJ101 M.RESISTOR CH 1/16W 3.3K 1 R0237 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.3K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.9K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.0K 1 R0451 ERJ3GEYJ303 M.RESISTOR CH 1/16	R0229	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1			R0436,37	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0		2
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R0232 ERJ3RBD272 M.RESISTOR CH 1/16W 2.7K 1 R0445 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R0233 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R0234 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R0447 ERJ3RBD303 M.RESISTOR CH 1/16W 10K 1 R0235 ERJ3GEYJ101 M.RESISTOR CH 1/16W 3.6K 1 R0448 ERJ3RBD362 M.RESISTOR CH 1/16W 3.6K 1 R0236 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R0449 ERJ3RBD332 M.RESISTOR CH 1/16W 3.3K 1 R0237 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0450 ERJ3RBD392 M.RESISTOR CH 1/16W 3.9K 1 R0238 ERJ3GEYJ303 M.RESISTOR CH 1/16W 3.3K 1 R0452 ERJ3GEYJ303 M.RESISTOR CH 1/16W 30K 1 R0239 ERJ3RBD682 M.RESISTOR CH 1/16W 6.8K 1 R0453 ERJ3GEYJ303 M.RESISTOR CH 1/16W 20K 1 R0240 ERJ3RBD01 M.RESISTOR CH 1/16W 2K	R0231			1		Δĥ	R0444			T	1
R0233 ERJ3GEYJ182 M.RESISTOR CH 1/16W 1.8K 1 R0446 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R0234 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R0447 ERJ3RBD103 M.RESISTOR CH 1/16W 10K 1 R0235 ERJ3GEYJ362 M.RESISTOR CH 1/16W 3.6K 1 R0448 ERJ3RBD362 M.RESISTOR CH 1/16W 3.6K 1 R0449 ERJ3RBD332 M.RESISTOR CH 1/16W 3.6K 1 R0449 ERJ3RBD332 M.RESISTOR CH 1/16W 3.3K 1 R0450 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.9K 1 R0450 ERJ3GEYJ103 M.RESISTOR CH 1/16W 3.9K 1 R0450 ERJ3GEYJ332 M.RESISTOR CH 1/16W 3.3K 1 R0450 ERJ3GEYJ332 M.RESISTOR CH 1/16W 3.3K 1 R0450 ERJ3GEYJ333 M.RESISTOR CH 1/16W 47K 1 R0450 ERJ3GEYJ333 M.RESISTOR CH 1/16W 47K 1 R0450 ERJ3RBD302 M.RESISTOR CH 1/16W 47K 1 R0450 ERJ3RBD302 M.RESISTOR CH 1/16W 47K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 30K 1 R0450 ERJ3RBD302 M.RESISTOR CH 1/16W 2K 1 R0450 ERJ3GEYJ303 M.RESISTOR CH 1/16W 20K 1 R0451 ERJ3GEYJ303 M.RESISTOR CH 1/16W 30K 1 R0451 ERJ3GEY				1		F				H	1
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R0235 ERJ3GEYJ362 M.RESISTOR CH 1/16W 3.6K 1 R0448 ERJ3RBD362 M.RESISTOR CH 1/16W 3.6K 1 R0236 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R0459 ERJ3GEYJ3032 M.RESISTOR CH 1/16W 3.3K 1 R0237 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1 R0450 ERJ3GEYJ3032 M.RESISTOR CH 1/16W 3.9K 1 R0452 ERJ3GEYJ373 M.RESISTOR CH 1/16W 47K 1 R0239 ERJ3GEYJ303 M.RESISTOR CH 1/16W 47K 1 R0450 ERJ				- 1		\vdash				+	1
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R0238 ERJ3GEYG332 M.RESISTOR CH 1/16W 3.3K 1 R0452 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R0239 ERJ3RBD682 M.RESISTOR CH 1/16W 6.8K 1 R0453 ERJ3GEYJ303 M.RESISTOR CH 1/16W 30K 1 R0240 ERJ3RBD202 M.RESISTOR CH 1/16W 2K 1 R0454 ERJ3GEYJ203 M.RESISTOR CH 1/16W 20K 1 R0241 ERJ3RBD911 M.RESISTOR CH 1/16W 910 1 R0456 ERJ3GEYJ303 M.RESISTOR CH 1/16W 30K 1				1		\vdash				\vdash	1
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R0241 ERJ3RBD911 M.RESISTOR CH 1/16W 910 1 R0456 ERJ3GEYJ303 M.RESISTOR CH 1/16W 30K 1		ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1			R0453	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K		1
	R0240	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	_1		L	R0454	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	L	1
R0242 ERJ3RBD222 M.RESISTOR CH 1/16W 2.2K 1 R0457 ERJ3GEYJ103 M.RESISTOR CH 1/16W 10K 1	R0241	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1			R0456	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K		1
	R0242			1			R0457			l	1
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Ref.No.	Part No.	Part Name & Description Po	s Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0459	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	C0013	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
R0461	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	C0014	F1H1E6830002	C.CAPACITOR CH 25V 0.068U	1	
				C0015	YGM1B473K1CT	C.CAPACITOR 12.5V 0.047U	1	
RT0451	D4B332500001	THERMISTOR	1	C0016	ECGC1BB330RA	C.CAPACITORCH12.5V 33P	1	
				C0017	F2H1E2210001	E.CAPACITOR 25V 220U	1	
U0001	M51957BFP		1	C0019	20SN100M	CAPACITOR	1	
U0003	UL1A531A		1	C0020	F1H1E1020002	C.CAPACITOR CH 25V 1000P	1	
U0004	C0JBAA000148		1	C0021	ECGC0JB680RA	C.CAPACITOR CH6.3V 68P	1	
U0005	BR9040F	-	1	C0022	F1H1H120A231	C.CAPACITOR CH 50V 68P	1	
U0006	C0JBAN000010	-	1	C0023	F2H0J3310003	E.CAPACITOR 6.3V 330U	1	
U0007	UPD6465GT611	-	1	C0025	F1H1E1020002	C.CAPACITOR CH 25V 1000P	1	
U0009	C0FBBD000023		1	C0026	ECGC0JB680RA	C.CAPACITOR CH6.3V 68P	1	
U0010-12	MN6577F		3	C0027	F2H1A4710001	E.CAPACITOR 10V 470U	1	
U0015	NJM2904M		1	C0029	F1H1E1020002	C.CAPACITOR CH 25V 1000P	1	
U0016	MC14053BF	-	1	C0030	ECGC1BB330RA	C.CAPACITORCH12.5V 33P	1	
U0017	MC74HC08AF	-	1	C0031	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
U0018	TC7W14F		1	C0032	F2H1A4710001	E.CAPACITOR 10V 470U	1	
U0019	NJM4556AM	-	1	C0033	20SM33M	CAPACITOR	1	
U0020	NJM2903M	IC	1	C0034	F2H1E2210001	E.CAPACITOR 25V 220U	1	
U0021	TC7W14F	IC	1	C0035-37	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	
U0025	C1DB00000053	IC	1	C0038	RV16V471MH10	CAPACITOR	1	
U0026	C0JBAE000004	IC	1	C0039,40	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
U0029	C1ZBZ0000169	IC	1	C0041	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
U0030	F432532APGF	IC	1 C1AB00000199	C0042-44	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	3	
U0031	C0JBAB000220	IC	1	C0045	F1H1A105A004	C.CAPACITOR CH 10V 1U	1	
U0035	TC7SH08F	IC	1	C0047	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0036	YWTC7SH04F	IC	1	C0052	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0037	C0FABD000019	IC	1	C0054	F1H1H103A190	C.CAPACITOR CH 50V 0.01U	1	
U0038	C0ABCA000035	IC	1	C0055	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	1	
U0039	LM1881M	IC	1	C0056	RV16V471MH10	CAPACITOR	1	
U0040	C0JBAB000005	IC	1	C0057	F3F1A225A003	T.CAPACITOR CH 10V 2.2U	1	
U0041	C0JBAA000148	IC	1	C0058,59	F1H1E104A016	C.CAPACITOR CH 25V 0.1U	2	
U0042	C0JBAB000004	IC	1	C0060,61	F1H1C104A005	C.CAPACITOR CH 16V 0.1U	2	
U0044	C0JBAB000005	IC	1	C0062,63	F1H1A105A004	C.CAPACITOR CH 10V 1U	2	
U0047	C0JBAB000003		1	C0073	F3F1A225A003	T.CAPACITOR CH 10V 2.2U	1	
U0048	YULLW0106		1	C0074	F3H1C4760003	T.CAPACITOR CH 16V 47U	1	
U0049	C0JBAZ000025		1					
U0050	YULLW0106		1	CN0003	524651891	CONNECTOR	1	
U0051	TC7SH08F	IC	1					
U0052	C0JBAB000003		1	D0002-08	B0JCME000014	DIODE	7	
U0053	TC7SH32F		1	D0010	B0JCME000014	DIODE	1	
U0422	C0JBAB000220		1	D0011	MAZ508200L	DIODE	1	
U0423	C0JBAZ000280		1	D0012	MA3062M	DIODE	1	
U0424	C0JBAS000063		1	50012	WIAGOOZIVI	BIOBE		
U0425	C0JBAB000003		1	F0001	K5H202A00002	FUSE	1	
U0429	C0ABBB000179		1	1 0001	110112027100002	1 002	-	
U0430	YULLW0031		1	FL0001,02	J0JHA0000001	FILTER	2	
U0431	C0JBAA000002		1	1 20001,02	0001170000001	TETER		
U0433	YWTC7SH04F		1	J0001	0740-010618	POWER JACK	1	
00433	1 W1 C7 31 1041		1	J0001	K1MR70B00001	CONNECTOR	1	
V0001	H0 1120500005	CRYSTAL OSCILLATOR	1	J0001 J0002	K1KA12B00002	CONNECTOR	1	
Y0001	H0J120500005		1	30002	1110012000002	SOMMESTOR	1	
Y0002	H0J177500009	CRYSTAL OSCILLATOR	1	10001	CDBU72 224	COII	+ .	
Y0003	H0J283500009	CRYSTAL OSCILLATOR	1	L0001 L0002	CDPH73-391	COIL	1	
	+	MISCELLANEOUS		l	G1C560K00010	COIL 56UH	1	
		MISCELLANEOUS		L0003 L0004	G1A180G00001 G1A680F00001	COIL 18UH COIL 68UH	1	
	1E14002B	LIEAT CINIZ	4				1	C1C151 I00003
	1E1A003B 5G1A068B		1	L0005	RLQZ151JT-Z	COIL 150UH	1	G1C151J00003
			1	L0006,07	G1A680F00001	COIL 68UH	1 2	
	5G1A069A			L0008	CDPH73-181	COIL	1	
	C3FBEZ000002		1	L0009	G1C560K00010	COIL 56UH	1	
	VMT1177	GASKET (A)		L0016	G1C220M00003	COIL 22UH	1	
	VMT1183	GASKET (A)	1	0000:	D4D00000000	TRANSISTOS	-	
				Q0001	B1DCCG000001	TRANSISTOR	1	
	-			Q0002	2SD1819QRS	TRANSISTOR	1	
	+			Q0003	2SB1218ALL	TRANSISTOR	1	
	-			Q0004	2SB07660HL	TRANSISTOR	1	
				Q0005	2SD1819QRS	TRANSISTOR	1	
■ E8	WE300EKB2A	POWER P.C.BOARD	1 (RTL)	Q0006	B1DHCD000005	TRANSISTOR	1	
	1			Q0007	2SD1819QRS	TRANSISTOR	1	
	1			Q0008	2SB1218ALL	TRANSISTOR	1	
C0006	F1H1E104A016	C.CAPACITOR CH 25V 0.1U		Q0009	B1BCGC000001	TRANSISTOR	1	
C0008	F1H1E1020002	C.CAPACITOR CH 25V 1000P	1	Q0010	2SD1819QRS	TRANSISTOR	1	
C0009	F1H1H472A190	C.CAPACITOR CH 50V 4700P	1	Q0011	B1DHCD000005	TRANSISTOR	1	
C0010	F1H1E104A016		1	Q0012	2SD1819QRS	TRANSISTOR	1	
C0011	F1H1A2240001	C.CAPACITOR CH 10V 0.22U	1	Q0013	2SB1218ALL	TRANSISTOR	1	
					1			

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q0014	2SD1819QRS	TRANSISTOR	1		R0089	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
Q0015	2SB1218ALL	TRANSISTOR	1		R0090,91	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
Q0016-18	B1DHCD000005	TRANSISTOR	3		R0092	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
Q0019	B1BCGC000001	TRANSISTOR	1		R0093	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
Q0020,21	2SD1819QRS	TRANSISTOR	2		R0094	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
Q0022,23	2SB1218ALL	TRANSISTOR	2		R0095	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
Q0024	2SD1819QRS	TRANSISTOR	1		R0096,97	ERJ3GEYJ623	M.RESISTOR CH 1/16W 62K	2	
Q0025	B1DFCL000002	TRANSISTOR	1		R0098,99	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
Q0026	B1DCCG000001	TRANSISTOR	1		R0100	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
Q0027	2SK1133-T1B	TRANSISTOR	1	B1CFGF000001	R0101	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
Q0028	B1DHCD000005	TRANSISTOR	1		R0112	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
Q0029	2SD1819QRS	TRANSISTOR	1		R0116	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	1	
Q0030	2SB1218ALL	TRANSISTOR	1		R0117	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
Q0031	2SD1819QRS	TRANSISTOR	1		R0118	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
Q0032	2SB12190WL	TRANSISTOR	1		R0121	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
					R0122	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R0001	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1		R0124-27	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	4	
R0002	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1		R0128	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R0013,14	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2		R0129	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R0015	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1		R0138	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R0016	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1		R0139	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R0017	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1		R0143	ERJ6GEYJ1R6	M.RESISTOR CH 1/10W 1.6	1	
R0018	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1		R0144-46	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	3	
R0019-21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3		R0147	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R0023	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	1					I	
R0024	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		U0001	C0BBBA000024	IC	1	
R0025	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		U0002	MC74HC161AF	IC	1	
R0026	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1		U0003	MC74HC4046AF	IC	1	
R0027	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		U0004	C0ABAA000001	IC	1	
R0028	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		U0005,06	C0DBAKZ00003	IC	2	
R0029	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		U0007	C0JBAE000004	IC	1	
R0030-32	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3		U0008	C0BBBA000024	IC	1	
R0033	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1						
R0034	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1						
R0035	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1						
R0036	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1		■ E9	WE300EKC2A	POWER SUB P.C.BOARD	1	(RTL)
R0037	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1		_				,
R0038	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1						
R0041	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		CN0001	533091891	CONNECTOR	1	
R0042	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1		CN0002	HR10A10R12SB	CONNECTOR	1	
R0044	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1		CN0003,04	BNCDRD	CONNECTOR	2	1
R0045	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1					╅	
R0046	ļ		-		D0004				
	IER.13RBD202	M RESISTOR CH 1/16W 2K	1 1			II N277RPX	LED	1	
	ERJ3RBD202 ERJ3RBD123	M.RESISTOR CH 1/16W 2K	1		D0001	LN277RPX	LED	1	
R0047	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1					1	
R0047 R0048	ERJ3RBD123 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K	1 1 1		FL0001,02	J0JDC0000009	FILTER	2	
R0047 R0048 R0050	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K	1 1 1 1		FL0001,02	J0JDC0000009	FILTER	2	
R0047 R0048 R0050 R0051	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47	1 1 1 1 1 1					1 2	
R0047 R0048 R0050 R0051 R0052	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K	1 1 1 1 1 1		FL0001,02	J0JDC0000009	FILTER M.RESISTOR CH 1/16W 1.8K	1 2	
R0047 R0048 R0050 R0051 R0052 R0053	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K	1 1 1 1 1 1 1		FL0001,02	J0JDC0000009	FILTER	1 2	
R0047 R0048 R0050 R0051 R0052 R0053 R0054	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K	1 1 1 1 1 1 1 1		FL0001,02	J0JDC0000009 ERJ3GEYJ182	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS	1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K	1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE	1 1 1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ181	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K			FL0001,02	J0JDC0000009 ERJ3GEYJ182	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS	1 1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ181 ERJ3RBD473	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180	1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE	1 1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3RBD473 ERJ3RBD473	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 3K	1 1 3 1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE	1 1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ181 ERJ3RBD473 ERJ3RBD103 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 30K	1 1 3 1 1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE	1 1 1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ101 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD103 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K	1 1 3 1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE	1 1 1 1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ101 ERJ3RBD473 ERJ3RBD473 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10K	1 1 3 1 1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER	1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3RBD303 ERJ3RBD303 ERJ3RBD103 ERJ3RBD243 ERJ3RBD223	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 24K	1 1 3 1 1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE	1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0066 R0066	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD203 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ101 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD243 ERJ3RBD243 ERJ3RBD243 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 34K M.RESISTOR CH 1/16W 34K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K	1 1 3 1 1		FL0001,02	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER	1 1 1	
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0066	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ101 ERJ3RBD103 ERJ3RBD103 ERJ3GEYJ101 ERJ3RBD243 ERJ3RBD243 ERJ3RBD223 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K	1 1 3 1 1		FL0001,02 R0001	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD	1 1 1 1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0066 R0066 R0066 R0067 R0068	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ170 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ1103 ERJ3GEYJ1103 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD223 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330	11 11 33 11 11 11 11 11 11 11		FL0001,02 R0001 R0001	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE)	1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0066 R0067 R0066 R0067 R0068 R0069	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ101 ERJ3RBD473 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K	11 11 11 11 11 11 11 11 11 11 11 11 11		FL0001,02 R0001 R0001 R1001	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR	1 1 1 1 1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0067 R0068 R0069 R0069	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3GEYJ101 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ331 ERJ3GEYJ331	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330	11 11 33 11 11 11 11 11 11 11		FL0001,02 R0001 R0001	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE)	1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0066 R0066 R0067 R0068 R0069 R0070,71	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ170 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ101 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K	11 11 11 11 11 11 11 11 11 11 11 11 11		FL0001,02 R0001 R0001 E10 P1 P2 P3	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004 K1MM16B00004	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR CONNECTOR	1 1 1 1 1 1 1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0066 R0066 R0067 R0068 R0069 R0070,71 R0072 R0073	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 3K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 47K	11 11 11 11 11 11 11 11 11 11 11 11 11		FL0001,02 R0001 R0001 R1001	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR	1 1 1 1 1 1 1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0067 R0068 R0068 R0069 R0070,711 R0072 R0073 R0074	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ170 ERJ3RBD203 ERJ3RBD203 ERJ3RBD103 ERJ3RBD103 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD203 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD223 ERJ3RBD103 ERJ3RBD103 ERJ3GEYJ103 ERJ3RBD473 ERJ3RBD473	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 4.3K	11 11 11 11 11 11 11 11 11 11 11 11 11		FL0001,02 R0001 R0001 E10 P1 P2 P3	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004 K1MM16B00004	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR CONNECTOR CONNECTOR	1 1 1 1 1 1 1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0051 R0052 R0053 R0054 R0055 R0067-59 R0060 R0061 R0062 R0063 R0064 R0066 R0066 R0067 R0068 R0069 R0070,71 R0072 R0073 R0074 R0076,77	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD103 ERJ3GEYJ103 ERJ3RBD103 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD103 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD432 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 24K M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 43K M.RESISTOR CH 1/16W 4.3K	11 11 13 33 11 11 11 11 11 11 11 11 11 1		FL0001,02 R0001 R0001 E10 P1 P2 P3	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004 K1MM16B00004	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR CONNECTOR	1 1 1 1 1 1 1 1 1 1	(RTL)
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0067 R0068 R0069 R0070,71 R0072 R0073 R0074 R0076,77 R0078	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ101 ERJ3RBD103 ERJ3GEYJ101 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ101 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD432 ERJ3RBD432 ERJ3RBD403 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330	11 11 11 11 11 11 11 11 11 11 11 11 11		FL0001,02 R0001 R0001 E10 P1 P2 P3	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004 K1MM16B00004 TC7W08F	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR CONNECTOR CONNECTOR IC MISCELLANEOUS	1 1 1 1 1 1 1 1 1 1	(RTL) COJBAA000206
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0067 R0068 R0069 R0070,71 R0072 R0073 R0074 R0076,77 R0078 R0079	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ181 ERJ3RBD103 ERJ3RBD473 ERJ3RBD473 ERJ3RBD473 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 10K	11 11 13 33 11 11 11 11 11 11 11 11 11 1		FL0001,02 R0001 R0001 E10 P1 P2 P3	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004 K1MM16B00004	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR CONNECTOR CONNECTOR	1 1 1 1 1 1 1 1 1 1	(RTL) COJBAA000206
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0066 R0067 R0066 R0067 R0069 R0070,711 R0072 R0073 R0074 R0076,77 R0078 R0079 R0080	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ170 ERJ3RBD303 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ914 ERJ3GEYJ9103 ERJ3GEYJ9103 ERJ3GEYJ9103 ERJ3GEYJ9103 ERJ3GEYJ9103 ERJ3GEYJ9103 ERJ3GEYJ9103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 180 M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 910K	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FL0001,02 R0001 R0001 E10 P1 P2 P3	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004 K1MM16B00004 TC7W08F	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR CONNECTOR CONNECTOR IC MISCELLANEOUS	1 1 1 1 1 1 1 1 1 1	(RTL) COJBAA000206
R0047 R0048 R0050 R0051 R0052 R0053 R0054 R0055 R0057-59 R0060 R0061 R0062 R0063 R0064 R0065 R0066 R0066 R0066 R0067 R0068 R0069 R0070,71 R0072 R0073 R0074 R0076,77 R0078 R0078 R0079 R0080 R0080 R0081,82	ERJ3RBD123 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ470 ERJ3RBD303 ERJ3RBD203 ERJ3RBD103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3RBD103 ERJ3GEYJ101 ERJ3RBD103 ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 36K M.RESISTOR CH 1/16W 36K M.RESISTOR CH 1/16W 36K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 10K	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FL0001,02 R0001 R0001 E10 P1 P2 P3	J0JDC0000009 ERJ3GEYJ182 1B1B010A LH55 VEP20871A K1AB120A0002 K1MM21B00004 K1MM16B00004 TC7W08F	FILTER M.RESISTOR CH 1/16W 1.8K MISCELLANEOUS CONNECTOR ANGLE HOLDER IF (MAIN) P.C.BOARD CONNECTOR (FEMALE) CONNECTOR CONNECTOR CONNECTOR IC MISCELLANEOUS	1 1 1 1 1 1 1 1 1 1	(RTL) COJBAA000206
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